

# बिहार गजट

# असाधारण अंक बिहार सरकार द्वारा प्रकाशित

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> > संकल्प

27 जनवरी 2023

विषय:- राज्य के जिला अस्पताल, अनुमंडलीय अस्पताल एवं प्राथमिक स्वास्थ्य केन्द्र हेतु आवश्यक उपकरणों की सूची- Essential Equipment List (EEL) अधिसूचित करने के संबंध में।

स्वास्थ्य विभागीय आदेश सं॰ SHSB/PM/537/2019-1163, दिनांक 01.06.2020 द्वारा राज्य के सरकारी स्वास्थ्य संस्थानों यथा, चिकित्सा महाविद्यालय एवं अस्पताल, जिला अस्पताल, अनुमंडलीय अस्पताल/रेफरल अस्पताल, सामुदायिक स्वास्थ्य केन्द्र, प्राथिमक स्वास्थ्य केन्द्र, अतिरिक्त प्राथिमक स्वास्थ्य केन्द्र एवं स्वास्थ्य उपकेन्द्र स्तर हेतु आवश्यक उपकरणों की सूची – Essential Equipment List (EEL) विकसित करने हेतु निदेशक प्रमुख (रोग नियंत्रण), स्वास्थ्य सेवायें, बिहार की अध्यक्षता में टेक्निकल कोर किमिटि गठित की गयी है।

2. उल्लेखनीय है कि राज्य में जिलान्तर्गत जिला अस्पताल, अनुमंडलीय अस्पताल, सामुदायिक स्वास्थ्य केन्द्र एवं प्राथमिक स्वास्थ्य केन्द्र में निरंतर स्वास्थ्य सेवाओं का विस्तारीकरण करने की दिशा में अथक प्रयास किये जा रहे हैं। इसी क्रम में मिशन मोड में कई कार्यों को फलीभूत किया गया है। इन सरकारी अस्पतालों में हर स्तर की विशेषज्ञ आधारित चिकित्सकीय सुविधा उपलब्ध कराने हेतु विशेषज्ञ चिकित्सकों एवं अन्य पारा चिकित्सा कर्मियों को पदस्थापित किया गया है। अतएव, इन विशेषज्ञों के द्वारा प्रदत्त की जाने वाली सेवाओं को दृष्टिपथ में रखते हुये गुणवत्तापूर्ण चिकित्सकीय प्रबंधन हेतु IPHS के मापदंडों के अनुरूप जिला अस्पताल, अनुमंडलीय अस्पताल, सामुदायिक स्वास्थ्य केन्द्र एवं प्राथमिक स्वास्थ्य केन्द्र को चिकित्सकीय उपकरणों एवं उपस्करों से सुदृढ़ करने की आवश्यकता राज्य स्तर द्वारा महसूस की गयी है।

- 3. इसी क्रम में स्वास्थ्य विभागीय संकल्प ज्ञापांक 12/प०-विविध-08-73/2020-903(12), दिनांक 23.12.2020 **'सामुदायिक स्वास्थ्य केन्द्र'** के लिए 'आवश्यक उपकरणों की सूची- **Essential Equipment List**' अधिसूचित किया गया है।
- 4. जिला अस्पताल, अनुमंडलीय अस्पताल एवं प्राथमिक स्वास्थ्य केन्द्र हेतु आवश्यक उपकरणों की सूची- Essential Equipment List (EEL) तैयार करने हेतु निदेशक प्रमुख (रोग नियंत्रण), स्वास्थ्य सेवायें, बिहार की अध्यक्षता में टेक्निकल कोर किमिट की बैठक दिनांक 13.09.2022 एवं 26.12.2022 तथा 23.01.2023 को राज्य स्वास्थ्य सिमित, बिहार, परिवार कल्याण भवन, शेखपुरा, पटना के सभागार में आयोजित की गयी। बैठक में IPHS Guidelines के तहत उपकरणों/उपस्करों एवं अन्य Consumables की सूची में अंकित सभी उपकरणों/उपस्करों पर टेक्निकल कोर किमटी के सदस्यों द्वारा सम्यक समीक्षोपरान्त जिला अस्पताल के लिए 271 एवं अनुमंडलीय अस्पताल के लिए 227 तथा प्राथमिक स्वास्थ्य केन्द्र के लिए 107 प्रकार के आवश्यक उपकरणों/उपस्करों की सूची Essential Equipments List (EEL) के रूप में अधिसूचित करने साथ कितपय अनुशंसायें की गई है। उक्त अनुशंसाओं के आधार पर निम्नलिखित निर्णय लिये जाते है:
  - i. जिला अस्पताल, अनुमंडलीय अस्पताल एवं प्राथिमक स्वास्थ्य केन्द्र के लिए आवश्यक उपकरणों/उपस्करों/मेडिकल डिवाईस को विभागवार श्रेणी में रखते हुये IPHS 2022 तथा उक्त संस्थानों में प्रदत्त स्वास्थ्य सेवाओं के आधार पर उनके औचित्यपूर्ण और विवेकपूर्ण उपयोग को दृष्टिपथ में Essential Equipment List (EEL) को अधिसूचित किया जाता है।
  - ii. आवश्यक उपकरणों की सूची- Essential Equipment List में सिर्फ उपकरणों एवं उपस्करों को रखा गया है। इस सूची में consumables items को नहीं रखा गया है। संस्थानवार consumables की सूची आवश्यक औषधियों की सूची- Essential Drugs List 2023 में समाहित है।
  - iii. जिला अस्पताल, अनुमंडलीय अस्पताल एवं प्राथिमक स्वास्थ्य केन्द्र के लिए अधिसूचित EEL में निहित उपकरणों/उपस्करों/मेडिकल डिवाईस का दर-अनुबंध विहित प्रिक्रियानुसार BMSICL द्वारा किया जायेगा। दर अनुबंध की सूचना सभी जिलों के सिविल सर्जन एवं स्वास्थ्य केन्द्र के उपाधीक्षक/प्रभारी चिकित्सा पदाधिकारी को BMSICL द्वारा दी जायेगी एवं जिन उपकरणों/उपस्करों/मेडिकल डिवाईस का दर अनुबंध BMSICL के स्तर से नहीं रहेगा, वैसे उपकरणों के दर अनुबंध/क्रय हेतु BMSICL से अनापित प्राप्त करते हुए वित्तीय नियमावली एवं विभागीय क्रय अनुदेशों का पालन करते हुए सिविल सर्जन द्वारा किया जायेगा। जिला अस्पताल, अनुमंडलीय अस्पताल एवं प्राथिमक स्वास्थ्य केन्द्र के उपाधीक्षक एवं प्रभारी चिकित्सा पदाधिकारी उन्हीं उपकरणों/उपस्करों/मेडिकल डिवाईस की आपूर्ति BMSICL से अथवा जिला स्तर से स्थानीय क्रय के माध्यम से प्राप्त करने हेतु अधियाचना करेंगे, जिन उपकरणों के उपयोग हेतु जिला अस्पताल, अनुमंडलीय अस्पताल एवं प्राथिमक स्वास्थ्य केन्द्र में विशेषज्ञ चिकित्सक पदस्थापित हो और विशेषज्ञ आधारित चिकित्सकीय सेवायें मरीजों को उपलब्ध करायी जा रही हो।
  - सिविल सर्जन जिला अस्पताल, अनुमंडलीय अस्पताल एवं प्राथमिक स्वास्थ्य केन्द्र के iv. अधीक्षक/उपाधीक्षक एवं प्रभारी चिकित्सा पदाधिकारी के माध्यम से उनके स्वयं के स्तर पर रोगियों की पूर्व संख्या एवं संभावित संख्या तथा प्रदत्त स्वास्थ्य सेवाओं/विशिष्ट चिकित्सा सेवाओं के आधार पर EEL निहित उपकरणों/उपस्करों/मेडिकल डिवाईस का Gap Analysis करवा कर अपेक्षित गणना के उपरांत करने उपकरणों/उपस्करों/मेडिकल डिवाईस की आपूर्ति हेतु BMSICL को Equipment

Management & Maintenance System (EMMS) के माध्यम से ऑनलाइन इन्डेन्ट करेंगे।

- v. क्रय संस्थान, BMSICL के द्वारा सूची में उल्लेखित उपकरणों/उपस्करों के प्रोक्योरमेंट (अधिप्राप्ति) के दौरान उसके Installation, Calibration, Validation, Training एवं Annual Maintenance Contract (AMC) या Comprehensive Maintenance Contract (CMC) का समुचित प्रावधान निविदा आमंत्रण सूचना (NIT), टेन्डर डॉक्यूमेंट एवं दर-अनुबंध (रेट कॉन्ट्रेक्ट) में करेंगे।
- vi. उक्त संस्थानों के लिए जिला से इन्डेन्ट के आधार पर BMSICL के स्तर से आपूरित उपकरणों अथवा जिलास्तर पर क्रय की गयी उपकरणों के विवरणी की प्रविष्टि Equipment Management & Maintenance System (EMMS) पर किया जाना अनिवार्य होगा। साथ ही, आपूरित सभी उपकरणों की भौतिक भंडार पंजी (Physical Stock Register) में समान रूप से प्रविष्टि अनिवार्य होगा।
- vii. उक्त संस्थानों में EEL के अनुरूप आपूरित उपकरणों की टैगिंग एवं मैपिंग का कार्य Bio Medical Equipment Maintenance Programme (BMMP) के तहत तत्क्षण ही करा लेने का दायित्व सिविल सर्जन, उपाधीक्षक एवं प्रभारी चिकित्सा पदाधिकारी तथा अस्पताल प्रबंधक की समान रूप से होगी। इस हेतु प्रत्येक स्वास्थ्य संस्थान स्तर पर नोडल पदाधिकारी नामित है।
- viii. EEL की सूची में जिन उपकरणों/उपस्करों की विशिष्टता (Specification) का उल्लेख नहीं है अथवा किसी उपकरण/उपस्कर की विशिष्टता के संबंध में किसी प्रकार के संशय की स्थित में स्वास्थ्य विभागीय अधिसूचना संख्या 870(12); दिनांक 08.10.2018 द्वारा अधिसूचित BMSICL के प्रोक्योरमेंट मैनूवल 2018 (Manual for the Procurement of Drug and Medical Equipment-2018) की कंडिका 2.2 में यथा उल्लेखित Technical Specification Committee के द्वारा उपकरणों/उपस्करों की विशिष्टता (Specification) का निर्धारण करते हुये बिहार चिकित्सा सेवायें एवं आधारभूत संरचना निगम लिमिटेड (BMSICL) द्वारा अधिप्राप्ति संबंधी समृचित प्रक्रिया प्रारंभ की जाएगी।
- ix. इस विभागीय संकल्प के साथ जिला अस्पताल के लिए 271 एवं अनुमंडलीय अस्पताल के लिए 227 तथा प्राथमिक स्वास्थ्य केन्द्र के लिए 107 प्रकार के आवश्यक उपकरणों/उपस्करों की संलग्न [अनुसूची 'क', 'ख' एवं 'ग'] को Essential Equipments List (EEL) के रूप में अधिसूचित किया जाता है। इस Essential Equipments List (EEL) के अनुरूप प्रत्येक जिला अस्पताल, अनुमंडलीय अस्पताल एवं प्राथमिक स्वास्थ्य केन्द्र में उपकरणों/उपस्करों/मेडिकल डिवाईस की उपलब्धता सुनिश्चित की जाये।
- <u>आदेश</u> आदेश दिया जाता है कि इस संकल्प को बिहार राजपत्र की असाधारण अंक में प्रकाशित किया जाय और इसकी प्रति राज्य स्वास्थ्य समिति, बिहार (SHSB),बिहार चिकित्सा सेवाएँ एवं आधारभूत संरचना निगम लिमिटेड (BMSICL) तथा स्वास्थ्य विभाग के सभी क्षेत्रीय कार्यालयों, सभी जिला पदाधिकारियों, सिविल सर्जनों एवं जिला स्वास्थ्य समितियों को दी जाए।

बिहार-राज्यपाल के आदेश से, प्रत्यय अमृत, सरकार के अपर मुख्य सचिव।

अनुसूची–क

## Essential Equipment List (EEL) For District Hospital As recommended by Technical Core Committee for EEL

SL. No Instrument Basic Specification Gynaecology Gyna	NCD Dental	Eye	orthopaedics	ENT	Dermatology
1 ICU Bed Electric Operated					
2 Pediatric ICU Bed Electric Operated					
3 Resuscitation Bed Manual					
4 OT Table  Electric Operated with all accessories  Yes Yes			Yes		
5 Opthalmic OT Table		Yes			
6 LDR Bed Yes					
7 LED OT Light Double Dome Yes Yes			Yes		
8 USG Machine Convex Probe, TVS Probe Yes					
9 USG Machine with Color Doppler and Echo facility  Convex Probe, TVS Probe, Linear Probe, Eco Probe					
10 Portable Ultrasound					
11 Dialysis Machine					
12 Dialyzer reprocessing unit					
13 Dialysis RO Plant 500 LPM					
14 C arm with accessories 12 Inches			Yes		
15 C.T. Scan					
16 Mammography unit					
17 Mechanical ventilator					
18 Transport Ventilator					
19 Transport Monitor					
ECG, SPO2, NIBP, Temp, Respiration, EtCO2, IABP					
21 ECG Machine 12 Channel Yes					
22 Cardiotocography (CTG) Machine Yes					
23 Defibrillator with TCP & AED					

SL. NO	Name of the Equipment/ Instrument	Basic Specification	Medicine	Surgery	Obstetrics and Gynaecology	Paediatrics	NCD	Dental	Eye	orthopaedics	ENT	Dermatology
24	Oxygen Concentrator	5 ltrs		Yes	Yes	Yes						
25	Oxygen Concentrator	10 ltrs		Yes	Yes	Yes						
26	Anaesthesia workstation			Yes								
27	Pulse Oximeter	Adult & Paediatric Probe	Yes	Yes	Yes	Yes				Yes		
28	Phototherapy	LED Single Surface										
29	Computed Radiography (CR) System											
30	X Ray 300 mA											
31	X Ray 100 mA (Mobile)											
32	X-ray machine Dental							Yes				
33	Bubble CPAP with Compressor											
34	BiPap Machine											
35	Electric cautery	400W										
36	Chemical Cautery											Yes
37	Surgical Diathermy Bipolar							Yes				
38	Transcutaneous Bilirubinometer											
39	Irradiance Meter											
40	Vein Finder											
41	LED spot lights	Mobile	Yes		Yes							
42	Intermittent compression device for DVT prophylaxis	DVT Pump										
43	ABG	Reagent/ Cartridge										
44	Negative Ionizer/Air purifier				Yes							
45	Erythrocyte Sedimentation Rate (ESR) Analyzer (Manual with reading)											
46	Coagulation analyzer											
47	Electrophoresis machine/HPLC machine											
48	Hematology analyzer	3 part/5 part										
49	Biochemistry Analyzer	Fully Auto/ Semi Auto										
50	Turbidometer											
51	Electrolyte Analyzer (Indirect ion selective electrode)											

SL. NO	Name of the Equipment/ Instrument	Basic Specification	Medicine	Surgery	Obstetrics and Gynaecology	Paediatrics	NCD	Dental	Eye	orthopaedics	ENT	Dermatology
52	Polymerase Chain Reaction (PCR) Analyser											
53	ELISA	Reader with Washer & Printer										
54	Flame Photometry											
55	Flow cytometer											
56	Binocular Microscope											
57	Automated/Manual Chemiluminescence Immunoassay											
58	Examination table with in-built IV stand											
59	Suction Machine	Electrical		Yes	Yes	Yes				Yes		
60	Suction machine	Foot Operated		Yes	Yes	Yes				Yes		
61	Ear & Nasal Suction machine										Yes	
62	Hospital Bed/Fowler bed	With Matress										
63	Radiant warmer				Yes							
64	Dental chair with Compressor	Air Rotor (Air rotor hand piece contra angle two and one straight hand piece (4 lakhs RPM), Ultrasonic Scalar with four tips						Yes				
65	ENT examination chair	•									Yes	
66	Examination Light	LED	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
67	Sphygmomanometer	Aneroid	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
68	Ophthalmoscope- Direct		Yes			Yes			Yes			
69	Indirect Ophthalmoscope with 20 D & 90 D Lens								Yes			
70	Operating Microscope (Eye)								Yes			
71	Operating Microscope (ENT)										Yes	
72	Phaco Machine								Yes			
73	Otoscope										Yes	
74	Hysteroscope				Yes							

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SL. NO	Name of the Equipment/ Instrument	Basic Specification	Medicine	Surgery	Obstetrics and Gynaecology	Paediatrics	NCD	Dental	Eye	orthopaedics	ENT	Dermatology
75	Vaccum Extractor				Yes							
76	Proctoscope- Adult			Yes								
77	Proctoscope- Child			Yes								
78	Arthroscope									Yes		
79	Spirometer		Yes									
80	Syringe Pump											
81	Infusion Pump											
82	Fetal Doppler				Yes							
83	Foetoscope				Yes							
84	Chest Tube With Water Seal		Yes									
85	Infantometer					Yes						
86	Stadiometer		Yes			Yes	Yes					
87	Stethoscope		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
88	Streak Retinoscope								Yes			
89	A- Scan Biometer								Yes			
90	B- Scan Biometer								Yes			
91	Auto refractometer with Keratometer								Yes			
92	Non-Contact Tonometer (NCT)								Yes			
93	Schiotz Tonometer								Yes			
94	Gonio Lens								Yes			
95	Small Incision Cataract Surgery (SICS) Set								Yes			
96	Distance Vision Drum								Yes			
97	Near Vision Drum								Yes			
98	Ishihara Colour Vision Test Book								Yes			
99	Ambu bags- Adult		Yes	Yes	Yes							
100	Ambu bags- Paediatrics		Yes	Yes	Yes							
101	Ambu bags- Neonatal				Yes							
102	Resuscitation Kit- Adult		Yes		Yes							
103	Resuscitation Kit- Neonatal				Yes							
104	Applanation Tonometer								Yes			
105	Fundus Camera								Yes			
106	OCT (Optical coherence tomography)								Yes			

SL. NO	Name of the Equipment/ Instrument	Basic Specification	Medicine	Surgery	Obstetrics and Gynaecology	Paediatrics	NCD	Dental	Eye	orthopaedics	ENT	Dermatology
107	Trial lens set with trial frame Adult/Children								Yes			
108	Ultrasonic Nebulizer		Yes	Yes	Yes	Yes						
109	Nebulizer			Yes	Yes	Yes						
110	Laryngoscope Adult	LED		Yes								
111	Laryngoscope Paediatric	LED		Yes	Yes							
112	LED light cure unit							Yes				
113	X-Ray view box	LED	Yes	Yes	Yes	Yes		Yes	Yes	Yes	Yes	
114	Horizontal Autoclave with UV light							Yes				
115	Vertical Autoclave	60 ltrs		Yes								
116	Portable Autoclave			Yes	Yes			Yes	Yes			
117	Flash Autoclave	20 litres			Yes				Yes	Yes		
118	Perimeter								Yes			
119	Bowl Sterilizers - Different Sizes			Yes	Yes	Yes		Yes	Yes	Yes	Yes	Yes
120	Surgical Drum Inch				Yes							
121	Washer Disinfector- 30- 45 Litres											
122	Water Bath (Electric)											
123	Glucometer		Yes	Yes	Yes	Yes	Yes					
124	Weighing Scale- Adult	Digital	Yes		Yes		Yes					
125	Weighing Scale- Paediatric	Digital	Yes		Yes	Yes						
126	BiPAP/CPAP Mask		Yes	Yes	Yes	Yes						
127	Oxygen Hood											
128	Flow Meter		Yes	Yes	Yes	Yes						
129	External fixator									Yes		
130	Pneumatic drill									Yes		
131	Reamer	_								Yes		
132	Tourniquet- Adult			Yes						Yes		
133	Tourniquet- Child			Yes						Yes		
134	Surgical instruments and sets as required for each surgery/procedure for <b>General OT</b>			Yes						Yes		
135	Surgical instruments and sets as required for each surgery/procedure for <b>Ortho OT</b>									Yes		

SL. NO	Name of the Equipment/ Instrument	Basic Specification	Medicine	Surgery	Obstetrics and Gynaecology	Paediatrics	NCD	Dental	Eye	orthopaedics	ENT	Dermatology
136	Surgical instruments and sets as required for each surgery/procedure for <b>Obstetrics and Gynaecology OT</b>				Yes							
137	Tracheostomy Set (i) Tracheal hook (blunt & sharp) (ii) Tracheal dilator (iii) Fuller's Tracheostomy tube (iv) Jackson's Tracheostomy tube (v) Cuffed Tracheostomy tube (vi) Right angled retractor (vii) Mosquito Artery forcep (viii) Allis forcep (ix) BP Handle with blade (x) Tooth & plain dissecting forcep										Yes	
138	Normal delivery kit (i) Cord cutting scissor (ii) Artery forceps (medium size) (iii) Sponge holding forceps (medium) (iv) Bivalve cuscos speculum (medium size) (v) Kidney tray (vi) Small bowl for antiseptic lotion				Yes							
139	Episiotomy kit (i) Episiotomy scissor (ii) Artery forceps (medium size) (iii) Allis forceps (iv) Sponge holding forceps (medium) (v) Toothed forceps (vi) Thumb forceps (vii) Kidney tray (viii) Needle holder (ix) Needle (Round Body and Cutting)				Yes							

SL. NO	Name of the Equipment/ Instrument	Basic Specification	Medicine	Surgery	Obstetrics and Gynaecology	Paediatrics	NCD	Dental	Eye	orthopaedics	ENT	Dermatology
I.   II   II   II   II   II   II   II	Amputation Saw 12" I. Bowel Scissors 7" II. Post- Mortem Scissors 6" V. Blow Pipe straight 8" I. Detachable Cross handle chisel 3.5" II. Skull Rest 7"VIII. Brain Knife 9.5" I. Cartilage Knife 7.5" II. Scalpel 16"XII. Dissecting orceps 6" III. Chain hook set of 3, 3" IV. Scalpel Handle 127 mm IV. Organ knife and saw 22mm lade IVI. Bistoury Knife 70mm blade IVII. Rib Knife IVIII. Pelvic Organ Knife IXI. Dissection scissors IXI. Needle HolderXXII. Raspatory IXII. Retractor IXIV. Osteotome IXIV. Vagotomy IXII. Rolding rulers 300 mm IXIII. Probes with eye/fish tail IXIX. Measuring/specimen jar (100 al and 1 Litre) IXX. Rib Shear IXXI. Magnifying lens											
<b>-</b>	P handle No. 4			Yes	Yes							
$\vdash$	artery Forceps- Straight			Yes	Yes							
<b></b>	artery Forceps- Curved			Yes	Yes							
<b>-</b>	Mosquito forceps- Straight			Yes	Yes							
	Mosquito forceps- Curved			Yes	Yes							
<del>                                     </del>	lain dissecting forceps			Yes	Yes							
<b>-</b>	ooth dissecting forceps			Yes	Yes							
<b>-</b>	ight angle detector			Yes	Yes							
	leedle holder- Large			Yes	Yes							
	eedle holder- Small P blade			Yes Yes	Yes Yes							

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SL. NO	Name of the Equipment/ Instrument	Basic Specification	Medicine	Surgery	Obstetrics and Gynaecology	Paediatrics	NCD	Dental	Eye	orthopaedics	ENT	Dermatology
152	Dissecting scissor 8"			Yes	Yes							
153	Allis tissue forceps			Yes	Yes							
154	Mayo's scissors			Yes	Yes							
155	Dissecting scissors 8" curved			Yes	Yes							
156	Ttitch cutting scissors			Yes	Yes							
157	Gauge cutting/bandage cutting scissors 12			Yes	Yes							
158	Kidney tray- Small			Yes	Yes							
159	Kidney tray- Big			Yes	Yes							
160	Sponge holing forceps- Straight			Yes	Yes							
161	Kocher's artery forceps- Curved			Yes	Yes							
162	Cat's paw retractor			Yes	Yes							
163	Ear speculum										Yes	
164	Nasal speculum- Adult										Yes	
165	Nasal speculum- Child										Yes	
166	Female metallic catheter										Yes	
167	Tongue depressor										Yes	
168	Vaginal speculum- Large				Yes							
169	Vaginal speculum- Small				Yes							
170	Vaginal speculums-Cusco				Yes							
171	Removal of Stitches Tray			Yes	Yes					Yes		
172	Tuning Fork (156 Hz)		Yes									
173	Tuning fork (512 Hz)		Yes									
174	Percussion Hammer		Yes			Yes				Yes	Yes	
175	Wooden Tongue Depressor		Yes			Yes					Yes	
176	Foot stool		Yes	Yes	Yes					Yes		
177	Gynaecological Examination tray				Yes							
178	Spatula tray				Yes							
179	OPT				Yes							
180	Mouth Mirror						Yes	Yes				
181	Examination Instruments in dentistry							Yes				
182	Slit lamp refraction units								Yes			
183	Punctum Dilator								Yes			
184	PEEP valve											

SL. NO	Name of the Equipment/ Instrument	Basic Specification	Medicine	Surgery	Obstetrics and Gynaecology	Paediatrics	NCD	Dental	Eye	orthopaedics	ENT	Dermatology
185	Nasal Speculum										Yes	
186	Laryngeal mirror										Yes	
187	Nasopharyngeal mirrors Aural speculum Siegles speculum										Yes	
188	Magill's forceps				Yes							
189	Reflex hammer									Yes		
190	Goinometer									Yes		
191	Jobson Horne Probe										Yes	
192	Punch Biopsy Gun											Yes
193	IV Stand	SS		Yes	Yes	Yes	Yes		Yes	Yes		
194	Stretcher	SS	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
195	Wheelchair		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
196	Medicine Trolley	SS		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
197	Crash Cart	SS		Yes	Yes	Yes		Yes	Yes	Yes	Yes	Yes
198	Mayo Stand	SS		Yes	Yes	Yes		Yes	Yes	Yes	Yes	Yes
199	Surgical Trolley	SS		Yes	Yes	Yes		Yes	Yes	Yes	Yes	Yes
200	Equipment Trolley	SS		Yes	Yes	Yes		Yes	Yes	Yes	Yes	Yes
201	Instrument trolley	SS		Yes	Yes	Yes		Yes	Yes	Yes	Yes	Yes
202	Patient Trolley			Yes	Yes	Yes		Yes	Yes	Yes	Yes	Yes
203	Anaesthesia Trolley (Complete with Ambu bags and other items)				Yes				Yes	Yes	Yes	
204	Cylinder Trolley		Yes	Yes	Yes				Yes	Yes	Yes	
205	Oxygen cylinder Type D/B with all accessories (with flow meter/tubing/catheter/face mask/nasal prongs)		Yes	Yes	Yes				Yes	Yes	Yes	
206	Cardiac Table											
207	Mortuary Table	SS										
208	Bed side locker	SS			Yes							
209	Weighing machines (Organs)											
210	Measuring glasses (liquids)											
211	Head lamp										Yes	
212	Thermometer	Digital	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
213	Shoulder Wheel											

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SL. NO	Name of the Equipment/ Instrument	Basic Specification	Medicine	Surgery	Obstetrics and Gynaecology	Paediatrics	NCD	Dental	Eye	orthopaedics	ENT	Dermatology
214	Wall ladder finger Exerciser											
215	Finger Exerciser web											
216	Shoulder Pulley											
217	Adjustable Walker											
218	Reciprocal walker											
219	Exercise Coucdih											
220	Spiro meter with disposable mouthpiece											
221	Lower & Upper extremity cycle/Basic Ergo meter											
222	Ultrasound therapy											
223	TENS											
224	Interferential therapy/Electrotherapy unit											
225	LED Torch		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
226	Measuring tape		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
227	Roof/Wall Mounted single piece curtain to ensure privacy		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
228	Colour coded bins		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
229	Chair for Doctor		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
230	Chair for Nurses		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
231	Table for Doctor		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
232	Table for Nurses		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
233	Chairs for patients/attendants		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
234	Domestic Refrigerator 210 litres with Stabilizer		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
235	Central pipelines for supply of Oxygen (3 outlets on each bed)			Yes	Yes							
236	Central Suction			Yes	Yes							
237	Central Medical Air			Yes	Yes							
238	Centrifuge with Display	Table top, RPM 4000-4500										
239	Hot Air oven											
240	Laboratory Incubator with thermostat											

SL. NO	Name of the Equipment/ Instrument	Basic Specification	Medicine	Surgery	Obstetrics and Gynaecology	Paediatrics	NCD	Dental	Eye	orthopaedics	ENT	Dermatology
241	Water Bath Serological with Variable Temparature											
242	Mechanical Shaker/Rotator											
243	Blood Bank Refrigerator	300 bag										
244	Blood Collection Monitor	With Agitator										
245	Tube sealer- Table top											
246	Tube sealer- Portable											
247	Platelet Incubator With Agitator											
248	Refrigerated Centrifuge											
249	Donor Couch											
250	Apheresis Machine											
251	Plasma Thawing Bath		V	V	Yes	Yes	Yes			Yes		
252 253	Haemoglobinometer Digital  Electric Needle Destroyer		Yes Yes	Yes Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
254	Hub Cutter/Needle Cutter		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
255	Chemical balance		1 05	105	105	1 05	108	1 03	105	105	1 03	1 03
256	Micro Pipette	Fixed										
257	Micro Pipette	Variable (0 to 100 Micro Liter)										
258	Interval Timer											
259	Air Conditioner		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
260	RH View Box											
261	Deep Freezer -80°C											
262	Deep Freezer -40°C											
263	Deep Freezer -20°C					Yes						
264	Ice Lined Refrigerator (ILR)				Yes	Yes						
265	Plasma expressor											
266	Sterile connecting device											
267	Laminar air flow bench											
268	pH Meter											
269	Refrigerated Water bath											
270	Double pan balance-Electronic											
271	Hydrometer											

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### **Essential Equipment List (EEL) For District Hospital As recommended by Technical Core Committee for EEL**

	As recomin	nended by Tech	ilicai C	2016	JU11111	пиее	101 E					
SL. NO	Name of the Equipment/ Instrument	Basic Specification	Psychiatry	Neonatology	Cardiology	Urology	Geriatric	NRC	Emergency	Anaesthesia	ICU	SNCU+MNCU
1	ICU Bed	Electric Operated							Yes		Yes	
2	Pediatric ICU Bed	Electric Operated										
3	Resuscitation Bed	Manual							Yes			
4	OT Table	Electric Operated with all accessories							Yes			
5	Opthalmic OT Table											
6	LDR Bed											
7	LED OT Light	Double Dome							Yes			
8	USG Machine	Convex Probe, TVS Probe										
9	USG Machine with Color Doppler and Echo facility	Convex Probe, TVS Probe, Linear Probe, Eco Probe										
10	Portable Ultrasound											
11	Dialysis Machine											
12	Dialyzer reprocessing unit											
13	Dialysis RO Plant	500 LPM										
14	C arm with accessories	12 Inches										
15	C.T. Scan											
16	Mammography unit											
17	Mechanical ventilator										Yes	
18	Transport Ventilator										Yes	
19	Transport Monitor										Yes	
20	Multipara Monitor	ECG, SPO2, NIBP, Temp, Respiration, EtCO2, IABP			Yes				Yes		Yes	Yes
21	ECG Machine	12 Channel			Yes				Yes		Yes	

SL. NO	Name of the Equipment/ Instrument	Basic Specification	Psychiatry	Neonatology	Cardiology	Urology	Geriatric	NRC	Emergency	Anaesthesia	ICU	SNCU+MNCU
22	Cardiotocography (CTG) Machine											
23	Defibrillator with TCP & AED								Yes		Yes	
24	Oxygen Concentrator	5 ltrs							Yes		Yes	Yes
25	Oxygen Concentrator	10 ltrs							Yes		Yes	Yes
26	Anaesthesia workstation								Yes	Yes		
27	Pulse Oximeter	Adult & Paediatric Probe			Yes			Yes	Yes	Yes	Yes	Yes
28	Phototherapy	LED Single Surface										Yes
29	Computed Radiography (CR) System											
30	X Ray 300 mA											
31	X Ray 100 mA (Mobile)										Yes	Yes
32	X-ray machine Dental											
33	Bubble CPAP with Compressor											Yes
34	BiPap Machine											Yes
35	Electric cautery	400W							Yes			
36	Chemical Cautery											
37	Surgical Diathermy Bipolar											
38	Transcutaneous Bilirubinometer											Yes
39	Irradiance Meter											Yes
40	Vein Finder								Yes			Yes
41	LED spot lights	Mobile							Yes			
42	Intermittent compression device for DVT prophylaxis	DVT Pump									Yes	
43	ABG	Reagent/ Cartridge									Yes	
44	Negative Ionizer/Air purifier											
45	Erythrocyte Sedimentation Rate (ESR) Analyzer (Manual with reading)											
46	Coagulation analyzer											
47	Electrophoresis machine/HPLC machine											

ST. Name of the Ednibment Basic Specification Orology Anaesthesia	NCU
Ps P	ICU SNCU+MNCU
48 Hematology analyzer 3 part/5 part	
49 Biochemistry Analyzer Fully Auto/ Semi Auto	
50 Turbidometer	
51 Electrolyte Analyzer (Indirect ion selective electrode)	
52 Polymerase Chain Reaction (PCR) Analyser	
Reader with Washer & Printer	
54 Flame Photometry	
55 Flow cytometer	
56 Binocular Microscope	
57 Automated/Manual Chemiluminescence Immunoassay	
58 Examination table with in-built IV stand Yes	
59 Suction Machine Electrical Yes	Yes Yes
60 Suction machine Foot Operated Yes	Yes Yes
61 Ear & Nasal Suction machine Yes	
62 Hospital Bed/Fowler bed With Matress	
63 Radiant warmer	Ye
Air Rotor (Air rotor hand piece contra angle two and one straight hand piece (4 lakhs RPM), Ultrasonic Scalar with four tips	
65 ENT examination chair	
66 Examination Light LED Yes Yes Yes Yes Yes Yes Yes Yes	
67 Sphygmomanometer Aneroid Yes Yes Yes Yes Yes Yes Yes Yes Yes	Yes Yes
68 Ophthalmoscope- Direct	Ye

SL. NO	Name of the Equipment/ Instrument	Basic Specification	Psychiatry	Neonatology	Cardiology	Urology	Geriatric	NRC	Emergency	Anaesthesia	ICU	SNCU+MNCU
69	Indirect Ophthalmoscope with 20 D & 90 D Lens											
70	Operating Microscope (Eye)											
71	Operating Microscope (ENT)											
72	Phaco Machine											
73	Otoscope											
74	Hysteroscope											
75	Vaccum Extractor											
76	Proctoscope- Adult											
77	Proctoscope- Child											
78	Arthroscope											
79	Spirometer											
80	Syringe Pump										Yes	Yes
81	Infusion Pump										Yes	Yes
82	Fetal Doppler											
83	Foetoscope											
84	Chest Tube With Water Seal								Yes			
85	Infantometer							Yes				Yes
86	Stadiometer							Yes				
87	Stethoscope		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
88	Streak Retinoscope											
89	A- Scan Biometer											
90	B- Scan Biometer											
91	Auto refractometer with Keratometer											
92	Non-Contact Tonometer (NCT)											
93	Schiotz Tonometer											
94	Gonio Lens											
95	Small Incision Cataract Surgery (SICS) Set											
96	Distance Vision Drum											
97	Near Vision Drum											
98	Ishihara Colour Vision Test Book											
99	Ambu bags- Adult								Yes	Yes	Yes	

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SL. NO	Name of the Equipment/ Instrument	Basic Specification	Psychiatry	Neonatology	Cardiology	Urology	Geriatric	NRC	Emergency	Anaesthesia	ICU	SNCU+MNCU
100	Ambu bags- Paediatrics							Yes	Yes	Yes	Yes	Yes
101	Ambu bags- Neonatal											Yes
102	Resuscitation Kit- Adult								Yes			
103	Resuscitation Kit- Neonatal											Yes
104	Applanation Tonometer											
105	Fundus Camera											
106	OCT (Optical coherence tomography)											
107	Trial lens set with trial frame Adult/Children											
108	Ultrasonic Nebulizer										Yes	Yes
109	Nebulizer								Yes		Yes	Yes
110	Laryngoscope Adult	LED							Yes		Yes	
111	Laryngoscope Paediatric	LED									Yes	Yes
112	LED light cure unit											
113	X-Ray view box	LED									Yes	Yes
114	Horizontal Autoclave with UV light											
115	Vertical Autoclave	60 ltrs										
116	Portable Autoclave								Yes		Yes	Yes
117	Flash Autoclave	20 litres										
118	Perimeter											
119	Bowl Sterilizers - Different Sizes				Yes	Yes			Yes		Yes	Yes
120	Surgical Drum Inch								Yes		Yes	Yes
121	Washer Disinfector- 30- 45 Litres											
122	Water Bath (Electric)											
123	Glucometer				Yes			Yes			Yes	Yes
124	Weighing Scale- Adult	Digital						Yes				
125	Weighing Scale- Paediatric	Digital						Yes				Yes
126	BiPAP/CPAP Mask										Yes	
127	Oxygen Hood										Yes	Yes
128	Flow Meter				Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
129	External fixator											
130	Pneumatic drill											

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SL. NO	Name of the Equipment/ Instrument	Basic Specification	Psychiatry	Neonatology	Cardiology	Urology	Geriatric	NRC	Emergency	Anaesthesia	ICU	SNCU+MNCU
131	Reamer											
132	Tourniquet- Adult								Yes			
133	Tourniquet- Child								Yes			
134	Surgical instruments and sets as required for each surgery/procedure for <b>General OT</b>											
135	Surgical instruments and sets as required for each surgery/procedure for <b>Ortho OT</b>											
136	Surgical instruments and sets as required for each surgery/procedure for <b>Obstetrics and Gynaecology OT</b>											
137	Tracheostomy Set  (i) Tracheal hook (blunt & sharp)  (ii) Tracheal dilator  (iii) Fuller's Tracheostomy tube  (iv) Jackson's Tracheostomy tube  (v) Cuffed Tracheostomy tube  (vi) Right angled retractor  (vii) Mosquito Artery forcep  (viii) Allis forcep  (ix) BP Handle with blade  (x) Tooth & plain dissecting forcep								Yes	Yes	Yes	
138	Normal delivery kit (i) Cord cutting scissor (ii) Artery forceps (medium size) (iii) Sponge holding forceps (medium) (iv) Bivalve cuscos speculum (medium size) (v) Kidney tray (vi) Small bowl for antiseptic lotion											

SL. NO	Name of the Equipment/ Instrument	Basic Specification	Psychiatry	Neonatology	Cardiology	Urology	Geriatric	NRC	Emergency	Anaesthesia	ICU	SNCU+MNCU
139	Episiotomy kit (i) Episiotomy scissor (ii) Artery forceps (medium size) (iii) Allis forceps (iv) Sponge holding forceps (medium) (v) Toothed forceps (vi) Thumb forceps (vii) Kidney tray (viii) Needle holder (ix) Needle (Round Body and Cutting)											
140	P.M. Equipment (list) I. Amputation Saw 12" II. Bowel Scissors 7" III. Post- Mortem Scissors 6" IV. Blow Pipe straight 8" V. Hammer with chisel 8" VI. Detachable Cross handle chisel 3.5" VII. Skull Rest 7"VIII. Brain Knife 9.5" IX. Caltin Knife 9.5" X. Cartilage Knife 7.5" XI. Scalpel 16"XII. Dissecting Forceps 6" XIII. Chain hook set of 3, 3" XIV. Scalpel Handle 127 mm XV. Organ knife and saw 22mm blade XVI. Bistoury Knife 70mm blade XVII. Rib Knife XVIII. Pelvic Organ Knife XIX. Dissection scissors XX. Bone cutting scissors XX. Bone cutting scissors XXI. Needle HolderXXII. Raspatory XXIII. Retractor XXIV. Osteotome XXV. Vagotomy XXVI. Surgical needles XXVII. Folding rulers 300 mm XXVIII. Probes with eye/fish tail XXIX. Measuring/specimen jar (100 ml and 1 Litre) XXX. Rib Shear XXXII. Magnifying lens											
141	BP handle No. 4											

SL. NO	Name of the Equipment/ Instrument	Basic Specification	Psychiatry	Neonatology	Cardiology	Urology	Geriatric	NRC	Emergency	Anaesthesia	ICU	SNCU+MNCU
142	Artery Forceps- Straight											
143	Artery Forceps- Curved											
144	Mosquito forceps- Straight											
145	Mosquito forceps- Curved											
146	Plain dissecting forceps											
147	Tooth dissecting forceps											
148	Right angle detector											
149	Needle holder- Large											
150	Needle holder- Small											
151	BP blade											
152	Dissecting scissor 8"											
153	Allis tissue forceps											
154	Mayo's scissors											
155	Dissecting scissors 8" curved											
156	Ttitch cutting scissors											
157	Gauge cutting/bandage cutting scissors 12											
158	Kidney tray- Small											
159	Kidney tray- Big											
160	Sponge holing forceps- Straight											
161	Kocher's artery forceps- Curved											
162	Cat's paw retractor											
163	Ear speculum											
164	Nasal speculum- Adult											
165	Nasal speculum- Child											
166	Female metallic catheter											
167	Tongue depressor								Yes			
168	Vaginal speculum- Large											
169	Vaginal speculum- Small											
170	Vaginal speculums-Cusco											
171	Removal of Stitches Tray								Yes			
172	Tuning Fork (156 Hz)						Yes					
173	Tuning fork (512 Hz)						Yes					

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SL. NO	Name of the Equipment/ Instrument	Basic Specification	Psychiatry	Neonatology	Cardiology	Urology	Geriatric	NRC	Emergency	Anaesthesia	NOI	SNCU+MNCU
174	Percussion Hammer							Yes				Yes
175	Wooden Tongue Depressor											
176	Foot stool								Yes			
177	Gynaecological Examination tray											
178	Spatula tray											
179	OPT											
180	Mouth Mirror											
181	Examination Instruments in dentistry											
182	Slit lamp refraction units											
183	Punctum Dilator											
184	PEEP valve								Yes		Yes	
185	Nasal Speculum								Yes			
186	Laryngeal mirror											
187	Nasopharyngeal mirrors Aural speculum Siegles speculum											
188	Magill's forceps								Yes		Yes	Yes
189	Reflex hammer											
190	Goinometer											
191	Jobson Horne Probe											
192	Punch Biopsy Gun											
193	IV Stand	SS			Yes	Yes			Yes	Yes	Yes	Yes
194	Stretcher	SS	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
195	Wheelchair		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
196	Medicine Trolley	SS	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
197	Crash Cart	SS	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
198	Mayo Stand	SS	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
199	Surgical Trolley	SS	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
200	Equipment Trolley	SS	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
201	Instrument trolley	SS	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
202	Patient Trolley		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
203	Anaesthesia Trolley (Complete with Ambu bags and other items)									Yes		

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SL. NO	Name of the Equipment/ Instrument	Basic Specification	Psychiatry	Neonatology	Cardiology	Urology	Geriatric	NRC	Emergency	Anaesthesia	ICU	SNCU+MNCU
204	Cylinder Trolley				Yes				Yes	Yes	Yes	Yes
205	Oxygen cylinder Type D/B with all accessories (with flow meter/tubing/catheter/face mask/nasal prongs)				Yes				Yes	Yes	Yes	Yes
206	Cardiac Table				Yes							
207	Mortuary Table	SS										
208	Bed side locker	SS						Yes	Yes		Yes	Yes
209	Weighing machines (Organs)											
210	Measuring glasses (liquids)											
211	Head lamp											
212	Thermometer	Digital	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
213	Shoulder Wheel											
214	Wall ladder finger Exerciser											
215	Finger Exerciser web											
216	Shoulder Pulley											
217	Adjustable Walker											
218	Reciprocal walker											
219	Exercise Coucdih											
220	Spiro meter with disposable mouthpiece											
221	Lower & Upper extremity cycle/Basic Ergo meter											
222	Ultrasound therapy											
223	TENS											
224	Interferential therapy/ Electrotherapy unit											
225	LED Torch		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
226	Measuring tape		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
227	Roof/Wall Mounted single piece curtain to ensure privacy		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
228	Colour coded bins		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
229	Chair for Doctor		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
230	Chair for Nurses		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

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SL. NO	Name of the Equipment/ Instrument	Basic Specification	Psychiatry	Neonatology	Cardiology	Urology	Geriatric	NRC	Emergency	Anaesthesia	ICU	SNCU+MNCU
231	Table for Doctor		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
232	Table for Nurses		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
233	Chairs for patients/attendants		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
234	Domestic Refrigerator 210 litres with Stabilizer		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
235	Central pipelines for supply of Oxygen (3 outlets on each bed)								Yes	Yes	Yes	Yes
236	Central Suction								Yes	Yes	Yes	Yes
237	Central Medical Air								Yes	Yes	Yes	Yes
238	Centrifuge with Display	Table top, RPM 4000-4500										
239	Hot Air oven											
240	Laboratory Incubator with thermostat											
241	Water Bath Serological with Variable Temparature											
242	Mechanical Shaker/Rotator											
243	Blood Bank Refrigerator	300 bag										
244	Blood Collection Monitor	With Agitator										
245	Tube sealer- Table top											
246	Tube sealer- Portable											
247	Platelet Incubator With Agitator											
248	Refrigerated Centrifuge											
249	Donor Couch											
250	Apheresis Machine											
251	Plasma Thawing Bath											
252	Haemoglobinometer Digital										Yes	Yes
253	Electric Needle Destroyer		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
254	Hub Cutter/Needle Cutter		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
255	Chemical balance											
256	Micro Pipette	Fixed										
257	Micro Pipette	Variable (0 to 100 Micro Liter)										
258	Interval Timer											
259	Air Conditioner		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

SL. NO	Name of the Equipment/ Instrument	Basic Specification	Psychiatry	Neonatology	Cardiology	Urology	Geriatric	NRC	Emergency	Anaesthesia	ICU	SNCU+MNCU
260	RH View Box											
261	Deep Freezer -80°C											
262	Deep Freezer -40°C											
263	Deep Freezer -20°C											
264	Ice Lined Refrigerator (ILR)											
265	Plasma expressor											
266	Sterile connecting device											
267	Laminar air flow bench											
268	pH Meter											
269	Refrigerated Water bath											
270	Double pan balance-Electronic											
271	Hydrometer											

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### **Essential Equipment List (EEL) For District Hospital As recommended by Technical Core Committee for EEL**

Γ	As recon	nmended by Teo	lillica	II COI	e Con	11111111	101					
SL. NO	Name of the Equipment/ Instrument	Basic Specification	PICU	Operation Theatre	Radiology	Ward	Postmortem	Dialysis	Diagnostic/Pathology	Physiotherapy	Blood Centre	ART, ICTC, DSRC
1	ICU Bed	Electric Operated										
2	Pediatric ICU Bed	Electric Operated	Yes									
3	Resuscitation Bed	Manual										
4	OT Table	Electric Operated with all accessories		Yes								
5	Opthalmic OT Table											
6	LDR Bed											
7	LED OT Light	Double Dome		Yes								
8	USG Machine	Convex Probe, TVS Probe										
9	USG Machine with Color Doppler and Echo facility	Convex Probe, TVS Probe, Linear Probe, Eco Probe			Yes							
10	Portable Ultrasound				Yes							
11	Dialysis Machine							Yes				
12	Dialyzer reprocessing unit							Yes				
13	Dialysis RO Plant	500 LPM						Yes				
14	C arm with accessories	12 Inches										
15	C.T. Scan				Yes							
16	Mammography unit				Yes							
17	Mechanical ventilator											
18	Transport Ventilator											
19	Transport Monitor											
20	Multipara Monitor	ECG, SPO2, NIBP, Temp, Respiration, EtCO2, IABP	Yes	Yes								

SL. NO	Name of the Equipment/ Instrument	Basic Specification	PICU	Operation Theatre	Radiology	Ward	Postmortem	Dialysis	Diagnostic/Pathology	Physiotherapy	Blood Centre	ART, ICTC, DSRC
21	ECG Machine	12 Channel		Yes		Yes			Yes			
22	Cardiotocography (CTG) Machine											
23	Defibrillator with TCP & AED			Yes								
24	Oxygen Concentrator	5 ltrs	Yes	Yes		Yes						
25	Oxygen Concentrator	10 ltrs	Yes	Yes		Yes						
26	Anaesthesia workstation			Yes								
27	Pulse Oximeter	Adult & Paediatric Probe	Yes	Yes		Yes						
28	Phototherapy	LED Single Surface	Yes									
29	Computed Radiography (CR) System				Yes							
30	X Ray 300 mA				Yes							
31	X Ray 100 mA (Mobile)											
32	X-ray machine Dental											
33	Bubble CPAP with Compressor		Yes									
34	BiPap Machine		Yes									
35	Electric cautery	400W		Yes								
36	Chemical Cautery											
37	Surgical Diathermy Bipolar			Yes								
38	Transcutaneous Bilirubinometer		Yes									
39	Irradiance Meter		Yes									
40	Vein Finder		Yes									
41	LED spot lights	Mobile		Yes		Yes	Yes					
42	Intermittent compression device for DVT prophylaxis	DVT Pump		Yes		Yes						
43	ABG	Reagent/ Cartridge							Yes			
44	Negative Ionizer/Air purifier											
45	Erythrocyte Sedimentation Rate (ESR) Analyzer (Manual with reading)								Yes			

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SL. NO	Name of the Equipment/ Instrument	Basic Specification	PICU	Operation Theatre	Radiology	Ward	Postmortem	Dialysis	Diagnostic/Pathology	Physiotherapy	Blood Centre	ART, ICTC, DSRC
46	Coagulation analyzer								Yes			
47	Electrophoresis machine/HPLC machine								Yes			
48	Hematology analyzer	3 part/5 part							Yes		Yes	
49	Biochemistry Analyzer	Fully Auto/ Semi Auto							Yes			
50	Turbidometer								Yes			
51	Electrolyte Analyzer (Indirect ion selective electrode)								Yes			
52	Polymerase Chain Reaction (PCR) Analyser								Yes			
53	ELISA	Reader with Washer & Printer							Yes		Yes	
54	Flame Photometry								Yes			
55	Flow cytometer								Yes			
56	Binocular Microscope								Yes		Yes	
57	Automated/Manual Chemiluminescence Immunoassay								Yes		Yes	
58	Examination table with in-built IV stand											
59	Suction Machine	Electrical	Yes	Yes		Yes						
60	Suction machine	Foot Operated	Yes	Yes		Yes						
61	Ear & Nasal Suction machine											
62	Hospital Bed/Fowler bed	With Matress				Yes						
63	Radiant warmer		Yes									
64	Dental chair with Compressor	Air Rotor (Air rotor hand piece contra angle two and one straight hand piece (4 lakhs RPM), Ultrasonic Scalar with four tips										

SL. NO	Name of the Equipment/ Instrument	Basic Specification	PICU	Operation Theatre	Radiology	Ward	Postmortem	Dialysis	Diagnostic/Pathology	Physiotherapy	Blood Centre	ART, ICTC, DSRC
65	ENT examination chair											
66	Examination Light	LED	Yes									
67	Sphygmomanometer	Aneroid	Yes	Yes	Yes	Yes		Yes		Yes	Yes	Yes
68	Ophthalmoscope- Direct		Yes									
69	Indirect Ophthalmoscope with 20 D & 90 D Lens											
70	Operating Microscope (Eye)											
71	Operating Microscope (ENT)											
72	Phaco Machine											
73	Otoscope											
74	Hysteroscope											
75	Vaccum Extractor											
76	Proctoscope- Adult											Yes
77	Proctoscope- Child											
78	Arthroscope											
79	Spirometer											
80	Syringe Pump		Yes	Yes								
81	Infusion Pump		Yes	Yes		Yes						
82	Fetal Doppler											
83	Foetoscope											
84	Chest Tube With Water Seal											
85	Infantometer		Yes									
86	Stadiometer											
87	Stethoscope		Yes	Yes	Yes	Yes		Yes	Yes	Yes	Yes	Yes
88	Streak Retinoscope											
89	A- Scan Biometer											
90	B- Scan Biometer											
91	Auto refractometer with Keratometer											
92	Non-Contact Tonometer (NCT)											
93	Schiotz Tonometer											

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SL. NO	Name of the Equipment/ Instrument	Basic Specification	PICU	Operation Theatre	Radiology	Ward	Postmortem	Dialysis	Diagnostic/Pathology	Physiotherapy	Blood Centre	ART, ICTC, DSRC
94	Gonio Lens											
95	Small Incision Cataract Surgery (SICS) Set											
96	Distance Vision Drum											
97	Near Vision Drum											
98	Ishihara Colour Vision Test Book											
99	Ambu bags- Adult			Yes								
100	Ambu bags- Paediatrics		Yes	Yes								
101	Ambu bags- Neonatal		Yes									
102	Resuscitation Kit- Adult			Yes								
103	Resuscitation Kit- Neonatal											
104	Applanation Tonometer											
105	Fundus Camera											
106	OCT (Optical coherence tomography)											
107	Trial lens set with trial frame Adult/Children											
108	Ultrasonic Nebulizer		Yes			Yes						
109	Nebulizer		Yes			Yes						
110	Laryngoscope Adult	LED		Yes		Yes						
111	Laryngoscope Paediatric	LED	Yes	Yes		Yes						
112	LED light cure unit											
113	X-Ray view box	LED	Yes	Yes	Yes	Yes						
114	Horizontal Autoclave with UV light											
115	Vertical Autoclave	60 ltrs		Yes								
116	Portable Autoclave		Yes	Yes		Yes		Yes			Yes	
117	Flash Autoclave	20 litres		Yes								
118	Perimeter											
119	Bowl Sterilizers - Different Sizes		Yes	Yes		Yes		Yes				
120	Surgical Drum Inch		Yes	Yes		Yes						

SL. NO	Name of the Equipment/ Instrument	Basic Specification	PICU	Operation Theatre	Radiology	Ward	Postmortem	Dialysis	Diagnostic/Pathology	Physiotherapy	Blood Centre	ART, ICTC, DSRC
121	Washer Disinfector- 30- 45 Litres			Yes								
122	Water Bath (Electric)								Yes		Yes	
123	Glucometer		Yes	Yes		Yes			Yes			
124	Weighing Scale- Adult	Digital									Yes	
125	Weighing Scale- Paediatric	Digital	Yes									
126	BiPAP/CPAP Mask		Yes	Yes		Yes						
127	Oxygen Hood		Yes									
128	Flow Meter		Yes	Yes		Yes					Yes	
129	External fixator											
130	Pneumatic drill											
131	Reamer											
132	Tourniquet- Adult										Yes	
133	Tourniquet- Child										Yes	
134	Surgical instruments and sets as required for each surgery/procedure for <b>General OT</b>			Yes								
135	Surgical instruments and sets as required for each surgery/procedure for <b>Ortho OT</b>			Yes								
136	Surgical instruments and sets as required for each surgery/procedure for Obstetrics and Gynaecology OT			Yes								

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SL. NO	Name of the Equipment/ Instrument	Basic Specification	PICU	Operation Theatre	Radiology	Ward	Postmortem	Dialysis	Diagnostic/Pathology	Physiotherapy	Blood Centre	ART, ICTC, DSRC
137	Tracheostomy Set (i) Tracheal hook (blunt & sharp) (ii) Tracheal dilator (iii) Fuller's Tracheostomy tube (iv) Jackson's Tracheostomy tube (v) Cuffed Tracheostomy tube (vi) Right angled retractor (vii) Mosquito Artery forcep (viii) Allis forcep (ix) BP Handle with blade (x) Tooth & plain dissecting forcep			Yes								
138	Normal delivery kit (i) Cord cutting scissor (ii) Artery forceps (medium size) (iii) Sponge holding forceps (medium) (iv) Bivalve cuscos speculum (medium size) (v) Kidney tray (vi) Small bowl for antiseptic lotion											
139	Episiotomy kit (i) Episiotomy scissor (ii) Artery forceps (medium size) (iii) Allis forceps (iv) Sponge holding forceps (medium) (v) Toothed forceps (vi) Thumb forceps (vii) Kidney tray (viii) Needle holder (ix) Needle (Round Body and Cutting)											

SL. NO	Name of the Equipment/ Instrument	Basic Specification	PICU	Operation Theatre	Radiology	Ward	Postmortem	Dialysis	Diagnostic/Pathology	Physiotherapy	Blood Centre	ART, ICTC, DSRC
140	P.M. Equipment (list) I. Amputation Saw 12" II. Bowel Scissors 7" III. Post- Mortem Scissors 6" IV. Blow Pipe straight 8" V. Hammer with chisel 8" VI. Detachable Cross handle chisel 3.5" VII. Skull Rest 7"VIII. Brain Knife 9.5" IX. Caltin Knife 9.5" X. Cartilage Knife 7.5" XI. Scalpel 16"XII. Dissecting Forceps 6" XIII. Chain hook set of 3, 3" XIV. Scalpel Handle 127 mm XV. Organ knife and saw 22mm blade XVI. Bistoury Knife 70mm blade XVII. Rib Knife XVIII. Pelvic Organ Knife XIX. Dissection scissors XX. Bone cutting scissors XX. Bone cutting scissors XXI. Needle HolderXXII. Raspatory XXIII. Retractor XXIV. Osteotome XXV. Vagotomy XXVI. Surgical needles XXVII. Folding rulers 300 mm XXVIII. Probes with eye/fish tail XXIX. Measuring/specimen jar (100 ml and 1 Litre) XXX. Rib Shear XXXI. Magnifying lens						Yes					
141	BP handle No. 4			Yes								
142	Artery Forceps- Straight			Yes								
143	Artery Forceps- Curved			Yes								
144	Mosquito forceps- Straight			Yes								
145	Mosquito forceps- Curved			Yes								
146	Plain dissecting forceps			Yes								

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SL. NO	Name of the Equipment/ Instrument	Basic Specification	PICU	Operation Theatre	Radiology	Ward	Postmortem	Dialysis	Diagnostic/Pathology	Physiotherapy	Blood Centre	ART, ICTC, DSRC
147	Tooth dissecting forceps			Yes								
148	Right angle detector			Yes								
149	Needle holder- Large			Yes								
150	Needle holder- Small			Yes								
151	BP blade			Yes								
152	Dissecting scissor 8"			Yes								
153	Allis tissue forceps			Yes								
154	Mayo's scissors			Yes								
155	Dissecting scissors 8" curved			Yes								
156	Ttitch cutting scissors			Yes								
157	Gauge cutting/bandage cutting scissors 12			Yes								
158	Kidney tray- Small			Yes								
159	Kidney tray- Big			Yes								
160	Sponge holing forceps- Straight			Yes								
161	Kocher's artery forceps- Curved			Yes								
162	Cat's paw retractor			Yes								
163	Ear speculum											
164	Nasal speculum- Adult											
165	Nasal speculum- Child											
166	Female metallic catheter											
167	Tongue depressor											
168	Vaginal speculum- Large											
169	Vaginal speculum- Small											
170	Vaginal speculums-Cusco											Yes
171	Removal of Stitches Tray			Yes		Yes						
172	Tuning Fork (156 Hz)											
173	Tuning fork (512 Hz)											
174	Percussion Hammer											
175	Wooden Tongue Depressor											
176	Foot stool			Yes								

SL. NO	Name of the Equipment/ Instrument	Basic Specification	PICU	Operation Theatre	Radiology	Ward	Postmortem	Dialysis	Diagnostic/Pathology	Physiotherapy	Blood Centre	ART, ICTC, DSRC
177	Gynaecological Examination tray											
178	Spatula tray											
179	OPT											
180	Mouth Mirror											
181	Examination Instruments in dentistry											
182	Slit lamp refraction units											
183	Punctum Dilator											
184	PEEP valve											
185	Nasal Speculum			Yes								
186	Laryngeal mirror											
187	Nasopharyngeal mirrors Aural speculum Siegles speculum											
188	Magill's forceps		Yes	Yes								
189	Reflex hammer											
190	Goinometer											
191	Jobson Horne Probe											
192	Punch Biopsy Gun											
193	IV Stand	SS	Yes	Yes		Yes		Yes				
194	Stretcher	SS	Yes	Yes		Yes						
195	Wheelchair		Yes	Yes		Yes		Yes				
196	Medicine Trolley	SS	Yes	Yes		Yes		Yes				
197	Crash Cart	SS	Yes	Yes		Yes		Yes			Yes	
198	Mayo Stand	SS	Yes	Yes		Yes		Yes				
199	Surgical Trolley	SS	Yes	Yes		Yes		Yes				
200	Equipment Trolley	SS	Yes	Yes		Yes		Yes				
201	Instrument trolley	SS	Yes	Yes		Yes		Yes				
202	Patient Trolley		Yes	Yes		Yes		Yes				
203	Anaesthesia Trolley (Complete with Ambu bags and other items)			Yes								

Name of the Equipment/ Instrument			14617 1916 (01									_	
Oxygen cylinder Type D/B with all accessories (with flow meter/tubing/catheter/face mask/nasal prongs)				PICU	Operation Theatre	Radiology	Ward	Postmortem	Dialysis	Diagnostic/Pathology	Physiotherapy	Blood Centre	ART, ICTC, DSRC
Adjustable Walker   Adju	204	Cylinder Trolley		Yes	Yes		Yes					Yes	
Mortuary Table	205	all accessories (with flow meter/tubing/catheter/		Yes	Yes		Yes					Typ Yes	
Bed side locker	206	Cardiac Table											
209   Weighing machines (Organs)	207	Mortuary Table	SS					Yes					
210   Measuring glasses (liquids)   Yes   Yes	208	Bed side locker	SS	Yes			Yes		Yes				
211   Head lamp	209	Weighing machines (Organs)						Yes					
212   Thermometer   Digital   Yes   Yes	210	Measuring glasses (liquids)						Yes					
213   Shoulder Wheel	211	Head lamp						Yes					
214         Wall ladder finger Exerciser         Yes           215         Finger Exerciser web         Yes           216         Shoulder Pulley         Yes           217         Adjustable Walker         Yes           218         Reciprocal walker         Yes           219         Exercise Coucdih         Yes           220         Spiro meter with disposable mouthpiece         Yes           221         Lower & Upper extremity cycle/Basic Ergo meter         Yes           222         Ultrasound therapy         Yes           223         TENS         Yes           224         Interferential therapy/Electrotherapy unit         Yes           225         LED Torch         Yes         Yes         Yes           226         Measuring tape         Yes         Yes         Yes         Yes           227         Roof/Wall Mounted single piece curtain to ensure privacy         Yes         Yes         Yes         Yes         Yes	212	Thermometer	Digital	Yes	Yes		Yes		Yes				Yes
215   Finger Exerciser web	213	Shoulder Wheel									Yes		
216         Shoulder Pulley         Yes           217         Adjustable Walker         Yes           218         Reciprocal walker         Yes           219         Exercise Coucdih         Yes           220         Spiro meter with disposable mouthpiece         Yes           221         Lower & Upper extremity cycle/Basic Ergo meter         Yes           222         Ultrasound therapy         Yes           223         TENS         Yes           224         Interferential therapy/Electrotherapy unit         Yes           225         LED Torch         Yes         Yes         Yes           226         Measuring tape         Yes         Yes         Yes         Yes           227         Roof/Wall Mounted single piece curtain to ensure privacy         Yes         Yes         Yes         Yes         Yes	214	Wall ladder finger Exerciser									Yes		
217 Adjustable Walker 218 Reciprocal walker 219 Exercise Coucdih 220 Spiro meter with disposable mouthpiece 221 Lower & Upper extremity cycle/Basic Ergo meter 222 Ultrasound therapy 223 TENS 224 Interferential therapy/Electrotherapy unit 225 LED Torch 226 Measuring tape 227 Roof/Wall Mounted single piece curtain to ensure privacy 228 Yes 230 Yes 240 Yes 251 Yes 262 Yes Yes Yes Yes Yes Yes 273 Yes 274 Roof/Wall Mounted single piece curtain to ensure privacy 275 Yes 276 Yes	215	Finger Exerciser web									Yes		
218   Reciprocal walker	216	Shoulder Pulley									Yes		
Exercise Coucdih  Spiro meter with disposable mouthpiece  Lower & Upper extremity cycle/Basic Ergo meter  Ultrasound therapy  Interferential therapy/Electrotherapy unit  LED Torch  Yes  Yes  Yes  Yes  Yes  Yes  Yes  Ye	217	Adjustable Walker									Yes		
Spiro meter with disposable mouthpiece  Lower & Upper extremity cycle/Basic Ergo meter  221	218	Reciprocal walker									Yes		
mouthpiece	219	Exercise Coucdih									Yes		
cycle/Basic Ergo meter  222 Ultrasound therapy  223 TENS  224 Interferential therapy/Electrotherapy unit  225 LED Torch  226 Measuring tape  227 Roof/Wall Mounted single piece curtain to ensure privacy  228 Cyes Pes Pes Pes Pes Pes Pes Pes Pes Pes P	220										Yes		
TENS  Interferential therapy/Electrotherapy unit  Yes  Yes  Yes  LED Torch  Yes Yes Yes Yes Yes Yes Yes  Measuring tape  Yes Yes Yes Yes Yes Yes Yes  Yes Yes Yes Yes Yes Yes  Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes	221										Yes		
Interferential therapy/Electrotherapy unit  225 LED Torch  Yes Yes Yes Yes Yes Yes Yes  226 Measuring tape  Yes Yes Yes Yes Yes Yes Yes Yes  Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes	222	Ultrasound therapy									Yes		
therapy/Electrotherapy unit  225 LED Torch  Yes Yes Yes Yes Yes Yes  226 Measuring tape  Yes Yes Yes Yes Yes Yes Yes  Yes Yes Yes Yes Yes  Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes	223	TENS									Yes		
226     Measuring tape     Yes     Yes     Yes     Yes     Yes       227     Roof/Wall Mounted single piece curtain to ensure privacy     Yes     Yes     Yes     Yes     Yes     Yes	224	1									Yes		
227 Roof/Wall Mounted single piece curtain to ensure privacy  Yes Yes Yes Yes Yes Yes	225	LED Torch		Yes	Yes	Yes	Yes	Yes	Yes				
curtain to ensure privacy	226	Measuring tape		Yes	Yes	Yes	Yes	Yes	Yes				
228 Colour coded bins Yes Yes Yes Yes Yes Yes Yes Yes Yes Ye	227			Yes	Yes	Yes	Yes	Yes	Yes				
	228	Colour coded bins		Yes	Yes	Yes	Yes		Yes	Yes	Yes	Yes	Yes

SL. NO	Name of the Equipment/ Instrument	Basic Specification	PICU	Operation Theatre	Radiology	Ward	Postmortem	Dialysis	Diagnostic/Pathology	Physiotherapy	Blood Centre	ART, ICTC, DSRC
229	Chair for Doctor		Yes	Yes		Yes		Yes	Yes	Yes	Yes	
230	Chair for Nurses		Yes	Yes		Yes		Yes	Yes	Yes	Yes	
231	Table for Doctor		Yes	Yes		Yes		Yes	Yes	Yes	Yes	
232	Table for Nurses		Yes	Yes		Yes		Yes	Yes	Yes	Yes	
233	Chairs for patients/attendants		Yes	Yes	Yes	Yes		Yes	Yes	Yes	Yes	Yes
234	Domestic Refrigerator 210 litres with Stabilizer		Yes	Yes	Yes	Yes		Yes	Yes			
235	Central pipelines for supply of Oxygen (3 outlets on each bed)		Yes	Yes		Yes						
236	Central Suction		Yes	Yes		Yes						
237	Central Medical Air		Yes	Yes								
238	Centrifuge with Display	Table top, RPM 4000-4500							Yes		Yes	Yes
239	Hot Air oven								Yes		Yes	
240	Laboratory Incubator with thermostat								Yes		Yes	
241	Water Bath Serological with Variable Temparature								Yes		Yes	
242	Mechanical Shaker/Rotator								Yes		Yes	Yes
243	Blood Bank Refrigerator	300 bag									Yes	
244	Blood Collection Monitor	With Agitator									Yes	
245	Tube sealer- Table top										Yes	
246	Tube sealer- Portable										Yes	
247	Platelet Incubator With Agitator										Yes	
248	Refrigerated Centrifuge										Yes	
249	Donor Couch										Yes	
250	Apheresis Machine										Yes	
251	Plasma Thawing Bath										Yes	
252	Haemoglobinometer Digital		Yes	Yes					Yes		Yes	
253	Electric Needle Destroyer		Yes	Yes	Yes	Yes		Yes	Yes		Yes	
254	Hub Cutter/Needle Cutter		Yes	Yes	Yes	Yes		Yes	Yes		Yes	Yes
255	Chemical balance								Yes		Yes	
256	Micro Pipette	Fixed							Yes		Yes	Yes

SL. NO	Name of the Equipment/ Instrument	Basic Specification	PICU	Operation Theatre	Radiology	Ward	Postmortem	Dialysis	Diagnostic/Pathology	Physiotherapy	Blood Centre	ART, ICTC, DSRC
257	Micro Pipette	Variable (0 to 100 Micro Liter)							Yes		Yes	Yes
258	Interval Timer								Yes		Yes	
259	Air Conditioner		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
260	RH View Box								Yes		Yes	
261	Deep Freezer -80°C										Yes	
262	Deep Freezer -40°C										Yes	
263	Deep Freezer -20°C											
264	Ice Lined Refrigerator (ILR)								Yes			Yes
265	Plasma expressor										Yes	
266	Sterile connecting device										Yes	
267	Laminar air flow bench								Yes		Yes	
268	pH Meter										Yes	
269	Refrigerated Water bath										Yes	
270	Double pan balance-Electronic										Yes	
271	Hydrometer										Yes	

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## Essential Equipment List (EEL) For Sub Divisional Hospital As recommended by Technical Core Committee for EEL

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SL. NO	Name of the Equipment/ Instrument	Basic Specification	Medicine	Surgery	Obstetrics and Gynaecology	Paediatrics	NCD	Dental	Eye	Orthopaedics	ENT
1	ICU Bed	Electric Operated									
2	Resuscitation Bed	Manual									
3	OT Table	Electric Operated with all accessories		Yes	Yes						
4	Opthalmic OT Table								Yes		
5	LDR Bed				Yes						
6	LED OT Light	Double Dome		Yes	Yes						
7	USG Machine	Convex Probe, TVS Probe			Yes						
8	USG Machine with Color Doppler and Echo facility	Convex Probe, TVS Probe, Linear Probe, Eco Probe									
9	Portable ultrasound										
10	Mechanical ventilator										
11	Transport Ventilator										
12	Transport Monitor										
13	Cardiac Monitors	ECG, SPO2, NIBP, Temp & Respiration									
14	ECG Machine	12 Channel	Yes								
15	Cardiotocography (CTG) Machine				Yes						
16	Defibrillator with TCP & AED										
17	Anaesthesia workstation				Yes						
18	Pulse Oximeter	Adult & Paediatric Probe	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
19	Phototherapy	LED Single Surface			Yes						

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SL. NO	Name of the Equipment/ Instrument	Basic Specification	Medicine	Surgery	Obstetrics and Gynaecology	Paediatrics	NCD	Dental	Eye	Orthopaedics	ENT
20	Computed Radiography (CR) System										
21	X Ray 300 mA										
22	X Ray 100 mA (Mobile)										
23	X-ray machine Dental							Yes			
24	Bubble CPAP with Compressor										
25	BiPAP/CPAP Mask			Yes							
26	BiPap Machine										
27	Oxygen Concentrator	5 ltrs		Yes	Yes	Yes					
28	Oxygen Concentrator	10 ltrs		Yes	Yes	Yes					
29	Electric cautery	400W									
30	Transcutaneous Bilirubinometer										
31	Irradiance Meter										
32	Vein Finder										
33	LED spot lights	Mobile	Yes	Yes	Yes						
34	ABG	Reagent/Cartridge									
35	Negative Ionizer/Air purifier				Yes						
36	Erythrocyte Sedimentation Rate (ESR) Analyzer (Manual with reading)										
37	Automated coagulation analyzer										
38	Electrophoresis machine/HPLC machine										
39	Hematology analyzer	3 part									
40	Biochemistry Analyzer	Semi Auto									
41	Turbidometer										
42	Electrolyte Analyzer (Indirect ion selective electrode)										
43	Polymerase Chain Reaction (PCR) Analyser										
44	Nucleic Acid Amplification Test (NAAT)										
45	ELISA										
46	ELISA/RAPID										
47	Flame Photometry										

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SL. NO	Name of the Equipment/ Instrument	Basic Specification	Medicine	Surgery	Obstetrics and Gynaecology	Paediatrics	NCD	Dental	Eye	Orthopaedics	ENT
48	Flow cytometer										
49	Binocular Microscope										
50	Automated/Manual Chemiluminescence Immunoassay										
51	Centrifuge with Display	Table top, RPM 4000-4500									
52	Laboratory Incubator with thermostat										
53	Hot Air oven										
54	Mechanical Shaker/Rotator										
55	Micro Pipette	Fixed									
56	Micro Pipette	Variable (0 to 100 Micro Liter)									
57	Examination table with in-built IV stand		Yes	Yes	Yes	Yes					
58	Suction Machine	Electrical		Yes	Yes	Yes					
59	Suction machine	Foot Operated		Yes	Yes	Yes					
60	Ear & Nasal Suction machine										Yes
61	Hospital Bed/Fowler bed	With Matress									
62	Radiant warmer				Yes						
63	Dental chair with Compressor	Air Rotor (Air rotor hand piece contra angle two and one straight hand piece (4 lakhs RPM), Ultrasonic Scalar with four tips						Yes			
64	ENT examination chair										Yes
65	Examination Light	LED	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
66	Sphygmomanometer	Aneroid	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
67	Ophthalmoscope- Direct								Yes		
68	Ophthalmoscope- Indirect with 20 D Lens								Yes		
69	Operating Microscope (Eye)										
70	Operating Microscope (ENT)										

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SL. NO	Name of the Equipment/ Instrument	Basic Specification	Medicine	Surgery	Obstetrics and Gynaecology	Paediatrics	NCD	Dental	Eye	Orthopaedics	ENT
71	Otoscope										Yes
72	Hysteroscope				Yes						
73	Vaccum Extractor				Yes						
74	Proctoscope- Adult										
75	Proctoscope- Child										
76	Spirometer		Yes								
77	Syringe Pump										
78	Infusion Pump										
79	Fetal Doppler				Yes						
80	Chest Tube With Water Seal		Yes								
81	Wall Mounted Height Measuring Scale		Yes								
82	Infantometer		Yes			Yes					
83	Stadiometer		Yes		Yes	Yes	Yes				
84	Stethoscope		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
85	Streak retinoscope								Yes		
86	A- Scan Biometer								Yes		
87	Auto refractometer with Keratometer								Yes		
88	Non-Contact Tonometer (NCT)								Yes		
89	Schiotz Tonometer								Yes		
90	Small Incision Cataract Surgery (SICS) Set								Yes		
91	Distance Vision Drum								Yes		
92	Near Vision Drum								Yes		
93	Ishihara Colour Vision Test Book								Yes		
94	Ambu bags- Adult				Yes						
95	Ambu bags- Paediatrics				Yes	Yes					
96	Ambu bags- Neonatal				Yes	Yes					
97	Resuscitation Kit- Adult			Yes	Yes	Yes					
98	Resuscitation Kit- Neonatal			Yes	Yes	Yes					
99	Applanation Tonometer								Yes		
100	Trial lens set with trial frame Adult/Children								Yes		

SL. NO	Name of the Equipment/ Instrument	Basic Specification	Medicine	Surgery	Obstetrics and Gynaecology	Paediatrics	NCD	Dental	Eye	Orthopaedics	ENT
101	Nebulizer		Yes	Yes	Yes	Yes					
102	Laryngoscope Adult	LED	Yes	Yes							
103	Laryngoscope Paediatric	LED	Yes	Yes	Yes	Yes					
104	LED light cure unit							Yes			
105	Surgical Diathermy Bipolar										
106	Horizontal Autoclave with UV light							Yes			
107	Vertical Autoclave	60 ltrs		Yes							
108	Portable Autoclave			Yes	Yes						
109	Flash Autoclave	20 litres		Yes							
110	Bowl Sterilizers - Different Sizes			Yes	Yes	Yes	Yes	Yes			
111	Surgical Drum Inch										
112	Washer Disinfector- 30- 45 Litres										
113	Water Bath (Electric)										
114	Glucometer		Yes	Yes	Yes	Yes	Yes		Yes		Yes
115	Haemoglobinometer Digital		Yes	Yes	Yes	Yes	Yes		Yes		Yes
116	Weighing Scale Digital- Adult		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
117	Weighing Scale Digital- Paediatric		Yes		Yes	Yes					
118	Oxygen Hood				Yes						
119	Flow Meter				Yes						
120	Tourniquet- Adult		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
121	Tourniquet- Child		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
122	Surgical instruments and sets as required for each surgery/procedure for <b>General OT</b>			Yes							
123	Surgical instruments and sets as required for each surgery/procedure for Obstetrics and Gynaecology OT				Yes						

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SL. NO	Name of the Equipment/ Instrument	Basic Specification	Medicine	Surgery	Obstetrics and Gynaecology	Paediatrics	NCD	Dental	Eye	Orthopaedics	ENT
124	Tracheostomy Set (i) Tracheal hook (blunt & sharp) (ii) Tracheal dilator (iii) Fuller's Tracheostomy tube (iv) Jackson's Tracheostomy tube (v) Cuffed Tracheostomy tube (vi) Right angled retractor (vii) Mosquito Artery forcep (viii) Allis forcep (ix) BP Handle with blade (x) Tooth & plain dissecting forcep										
125	Normal delivery kit (i) Cord cutting scissor (ii) Artery forceps (medium size) (iii) Sponge holding forceps (medium) (iv) Bivalve cuscos speculum (medium size) (v) Kidney tray (vi) Small bowl for antiseptic lotion				Yes						
126	Episiotomy kit  (i) Episiotomy scissor (ii) Artery forceps (medium size) (iii) Allis forceps (iv) Sponge holding forceps (medium) (v) Toothed forceps (vi) Thumb forceps (vii) Kidney tray (viii) Needle holder (ix) Needle (Round Body and Cutting)				Yes						
127	Craniotomy kit				Yes						
128	BP handle No. 4			Yes							
129	Artery Forceps- Straight			Yes							

SL. NO	Name of the Equipment/ Instrument	Basic Specification	Medicine	Surgery	Obstetrics and Gynaecology	Paediatrics	NCD	Dental	Eye	Orthopaedics	ENT
130	Artery Forceps- Curved			Yes							
131	Mosquito forceps- Straight			Yes							
132	Mosquito forceps- Curved			Yes							
133	Plain dissecting forceps			Yes							
134	Tooth dissecting forceps			Yes							
135	Right angle detector			Yes							
136	Needle holder- Large			Yes							
137	Needle holder- Small			Yes							
138	BP blade			Yes							
139	Dissecting scissor 8"			Yes							
140	Allis tissue forceps			Yes							
141	Mayo's scissors			Yes							
142	Dissecting scissors 8" curved			Yes							
143	Ttitch cutting scissors			Yes							
144	Gauge cutting/bandage cutting scissors 12			Yes							
145	Kidney tray- Small			Yes							
146	Kidney tray- Big			Yes							
147	Sponge holing forceps- Straight			Yes							
148	Kocher's artery forceps- Curved			Yes							
149	Cat's paw retractor			Yes							
150	Electric Needle Destroyer		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
151	Hub Cutter/Needle Cutter		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
152	Ear speculum										Yes
153	Nasal speculum- Adult										Yes
154	Nasal speculum- Child										Yes
155	Female metallic catheter										Yes
156	Tongue depressor										Yes
157	Catheter introducer										Yes
158	Vaginal speculum- Large				Yes						
159	Vaginal speculum- Small				Yes						
160	Vaginal speculums-Cusco			Yes	Yes						
161	Removal of Stitches Tray			Yes	Yes						

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SL. NO	Name of the Equipment/ Instrument	Basic Specification	Medicine	Surgery	Obstetrics and Gynaecology	Paediatrics	NCD	Dental	Eye	Orthopaedics	ENT
162	Tuning Fork (156)		Yes								
163	Tuning fork (512 Hz)		Yes								
164	Percussion Hammer		Yes								
165	Wooden Tongue Depressor		Yes								
166	Foot stool		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
167	Gynaecological Examination tray			Yes	Yes						
168	Spatula tray			Yes	Yes						
169	Mouth Mirror							Yes			Yes
170	Examination Instruments in dentistry							Yes			
171	Slit lamp refraction units								Yes		
172	Punctum Dilator								Yes		
173	PEEP valve										
174	Nasal Speculum										Yes
175	Laryngeal mirror										Yes
176	Nasopharyngeal mirrors Aural speculum Siegles speculum										Yes
177	Fixed height with stump feet in operation theatre										
178	Bayonet forces										Yes
179	Magill's forceps				Yes						
180	Reflex hammer		Yes			Yes				Yes	
181	Jobson Horne Probe										Yes
182	Punch Biopsy Gun		Yes								
183	IV Stand		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
184	Stretcher		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
185	Wheelchair		Yes	Yes	Yes						
186	Medicine Trolley	SS	Yes	Yes	Yes	Yes			Yes	Yes	Yes
187	Crash Cart	SS	Yes	Yes	Yes	Yes			Yes	Yes	Yes
188	Mayo Stand	SS	Yes	Yes	Yes	Yes			Yes	Yes	Yes
189	Surgical Trolley	SS	Yes	Yes	Yes	Yes			Yes	Yes	Yes
190	Equipment Trolley	SS	Yes	Yes	Yes	Yes			Yes	Yes	Yes
191	Instrument trolley	SS	Yes	Yes	Yes	Yes			Yes	Yes	Yes

SL. NO	Name of the Equipment/ Instrument	Basic Specification	Medicine	Surgery	Obstetrics and Gynaecology	Paediatrics	NCD	Dental	Eye	Orthopaedics	ENT
192	Patient Trolley		Yes	Yes	Yes	Yes			Yes	Yes	Yes
193	Anaesthesia Trolley (Complete with Ambu bags and other items)				Yes						
194	Cylinder Trolley		Yes	Yes	Yes						
195	Difficult Airway Trolley- Bronchoscope and intubating				Yes						
196	Oxygen cylinder Type D/B with all accessories (with flow meter/tubing/catheter/ face mask/nasal prongs)		Yes	Yes	Yes						
197	Bed side locker	SS		Yes	Yes	Yes	Yes				
198	Thermometer		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
199	Shoulder Wheel										
200	Wall ladder finger Exerciser										
201	Finger Exerciser web										
202	Shoulder Pulley										
203	Adjustable Walker										
204	Reciprocal walker										
205	Exercise Coucdih										
206	Spiro meter with disposable mouthpiece										
207	Lower & Upper extremity cycle/Basic Ergo meter										
208	Ultrasound therapy										
209	TENS										
210	Interferential therapy/Electrotherapy unit										
211	LED Torch		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
212	Measuring tape		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
213	Roof/Wall Mounted single piece curtain to ensure privacy		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
214	Colour coded bins		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
215	Chair for Doctor		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

SL. NO	Name of the Equipment/ Instrument	Basic Specification	Medicine	Surgery	Obstetrics and Gynaecology	Paediatrics	NCD	Dental	Eye	Orthopaedics	ENT
216	Chair for Nurses		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
217	Table for Doctor		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
218	Table for Nurses		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
219	Chairs for patients/attendants		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
220	Domestic Refrigerator 210 litres with Stabilizer		Yes	Yes	Yes	Yes					
221	Blood Bank Refrigerator										
222	Deep Freezer -20°C					Yes					
223	Ice Lined Refrigerator (ILR)				Yes	Yes					
224	Air Conditioner		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
225	Central pipelines for supply of Oxygen (3 outlets on each bed)										
226	Central Suction										
227	Central Medical Air										

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## Essential Equipment List (EEL) For Sub Divisional Hospital As recommended by Technical Core Committee for EEL

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SL. NO	Name of the Equipment/ Instrument	Basic Specification	NRC	Emergency	HDU	SNCU+MNCU	Operation Theatre	Radiology	Ward	Diagnostic/Pathology	Physiotherapy	Blood Storage Centre
1	ICU Bed	Electric Operated		Yes	Yes							
2	Resuscitation Bed	Manual		Yes	Yes							
3	OT Table	Electric Operated with all accessories					Yes					
4	Opthalmic OT Table											
5	LDR Bed											
6	LED OT Light	Double Dome					Yes					
7	USG Machine	Convex Probe, TVS Probe										
8	USG Machine with Color Doppler and Echo facility	Convex Probe, TVS Probe, Linear Probe, Eco Probe						Yes				
9	Portable ultrasound							Yes				
10	Mechanical ventilator				Yes							
11	Transport Ventilator				Yes							
12	Transport Monitor				Yes							
13	Cardiac Monitors	ECG, SPO2, NIBP, Temp & Respiration			Yes		Yes					
14	ECG Machine	12 Channel		Yes	Yes				Yes	Yes		
15	Cardiotocography (CTG) Machine											
16	Defibrillator with TCP & AED			Yes	Yes		Yes					
17	Anaesthesia workstation						Yes					
18	Pulse Oximeter	Adult & Paediatric Probe	Yes	Yes	Yes	Yes	Yes		Yes			
19	Phototherapy	LED Single Surface	Yes			Yes						
20	Computed Radiography (CR) System							Yes				

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SL. NO	Name of the Equipment/ Instrument	Basic Specification	NRC	Emergency	HDU	SNCU+MNCU	Operation Theatre	Radiology	Ward	Diagnostic/Pathology	Physiotherapy	Blood Storage Centre
21	X Ray 300 mA							Yes				
22	X Ray 100 mA (Mobile)							Yes				
23	X-ray machine Dental											
24	Bubble CPAP with Compressor					Yes						
25	BiPAP/CPAP Mask				Yes	Yes			Yes			
26	BiPap Machine				Yes	Yes						
27	Oxygen Concentrator	5 ltrs		Yes	Yes	Yes	Yes		Yes			
28	Oxygen Concentrator	10 ltrs		Yes	Yes	Yes	Yes		Yes			
29	Electric cautery	400W					Yes					
30	Transcutaneous Bilirubinometer					Yes						
31	Irradiance Meter					Yes						
32	Vein Finder			Yes		Yes	Yes		Yes			
33	LED spot lights	Mobile		Yes			Yes					
34	ABG	Reagent/Cartridge								Yes		
35	Negative Ionizer/Air purifier											
36	Erythrocyte Sedimentation Rate (ESR) Analyzer (Manual with reading)									Yes		
37	Automated coagulation analyzer									Yes		
38	Electrophoresis machine/HPLC machine									Yes		
39	Hematology analyzer	3 part								Yes		
40	Biochemistry Analyzer	Semi Auto								Yes		
41	Turbidometer									Yes		
42	Electrolyte Analyzer (Indirect ion selective electrode)									Yes		
43	Polymerase Chain Reaction (PCR) Analyser									Yes		
44	Nucleic Acid Amplification Test (NAAT)									Yes		
45	ELISA									Yes		
46	ELISA/RAPID									Yes		
47	Flame Photometry									Yes		
48	Flow cytometer									Yes		
49	Binocular Microscope									Yes		Yes

SL. NO	Name of the Equipment/ Instrument	Basic Specification	NRC	Emergency	НВО	SNCU+MNCU	Operation Theatre	Radiology	Ward	Diagnostic/Pathology	Physiotherapy	Blood Storage Centre
50	Automated/Manual Chemiluminescence Immunoassay									Yes		
51	Centrifuge with Display	Table top, RPM 4000-4500								Yes		Yes
52	Laboratory Incubator with thermostat									Yes		Yes
53	Hot Air oven									Yes		Yes
54	Mechanical Shaker/Rotator									Yes		
55	Micro Pipette	Fixed								Yes		
56	Micro Pipette	Variable (0 to 100 Micro Liter)								Yes		
57	Examination table with in-built IV stand			Yes					Yes	Yes		
58	Suction Machine	Electrical	Yes	Yes	Yes	Yes	Yes		Yes			
59	Suction machine	Foot Operated	Yes	Yes	Yes	Yes	Yes		Yes			
60	Ear & Nasal Suction machine											
61	Hospital Bed/Fowler bed	With Matress							Yes			
62	Radiant warmer					Yes						
63	Dental chair with Compressor	Air Rotor (Air rotor hand piece contra angle two and one straight hand piece (4 lakhs RPM), Ultrasonic Scalar with four tips										
64	ENT examination chair											
65	Examination Light	LED	Yes	Yes			Yes					
66	Sphygmomanometer	Aneroid	Yes	Yes	Yes	Yes	Yes	Yes	Yes		Yes	
67	Ophthalmoscope- Direct											
68	Ophthalmoscope- Indirect with 20 D Lens											
69	Operating Microscope (Eye)						Yes					
70	Operating Microscope (ENT)						Yes					
71	Otoscope											
72	Hysteroscope											
73	Vaccum Extractor											

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SL. NO	Name of the Equipment/ Instrument	Basic Specification	NRC	Emergency	HDU	SNCU+MNCU	Operation Theatre	Radiology	Ward	Diagnostic/Pathology	Physiotherapy	Blood Storage Centre
74	Proctoscope- Adult			Yes								
75	Proctoscope- Child			Yes								
76	Spirometer											
77	Syringe Pump				Yes	Yes	Yes		Yes			
78	Infusion Pump				Yes	Yes	Yes		Yes			
79	Fetal Doppler						Yes		Yes			
80	Chest Tube With Water Seal											
81	Wall Mounted Height Measuring Scale											
82	Infantometer		Yes			Yes						
83	Stadiometer		Yes									
84	Stethoscope		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
85	Streak retinoscope											
86	A- Scan Biometer											
87	Auto refractometer with Keratometer											
88	Non-Contact Tonometer (NCT)											
89	Schiotz Tonometer											
90	Small Incision Cataract Surgery (SICS) Set											
91	Distance Vision Drum											
92	Near Vision Drum											
93	Ishihara Colour Vision Test Book											
94	Ambu bags- Adult		Yes	Yes	Yes		Yes					
95	Ambu bags- Paediatrics		Yes	Yes	Yes		Yes					
96	Ambu bags- Neonatal					Yes						
97	Resuscitation Kit- Adult					Yes						
98	Resuscitation Kit- Neonatal					Yes						
99	Applanation Tonometer											
100	Trial lens set with trial frame Adult/Children			_								
101	Nebulizer		Yes		Yes	Yes			Yes			
102	Laryngoscope Adult	LED			Yes		Yes		Yes			
103	Laryngoscope Paediatric	LED			Yes		Yes		Yes			
104	LED light cure unit											

SL. NO	Name of the Equipment/ Instrument	Basic Specification	NRC	Emergency	HDU	SNCU+MNCU	Operation Theatre	Radiology	Ward	Diagnostic/Pathology	Physiotherapy	Blood Storage Centre
105	Surgical Diathermy Bipolar						Yes					
106	Horizontal Autoclave with UV light											
107	Vertical Autoclave	60 ltrs				Yes	Yes					
108	Portable Autoclave						Yes					
109	Flash Autoclave	20 litres				Yes	Yes		Yes			
110	Bowl Sterilizers - Different Sizes			Yes	Yes		Yes		Yes			
111	Surgical Drum Inch				Yes		Yes		Yes			
112	Washer Disinfector- 30- 45 Litres						Yes					
113	Water Bath (Electric)									Yes		
114	Glucometer		Yes	Yes	Yes	Yes	Yes		Yes	Yes		
115	Haemoglobinometer Digital		Yes	Yes	Yes	Yes	Yes		Yes	Yes		
116	Weighing Scale Digital- Adult		Yes	Yes	Yes	Yes	Yes				Yes	
117	Weighing Scale Digital- Paediatric		Yes	Yes	Yes		Yes					
118	Oxygen Hood		Yes	Yes	Yes	Yes	Yes					
119	Flow Meter			Yes	Yes	Yes	Yes		Yes			
120	Tourniquet- Adult		Yes	Yes	Yes	Yes	Yes		Yes	Yes	Yes	Yes
121	Tourniquet- Child		Yes	Yes	Yes	Yes	Yes		Yes	Yes	Yes	Yes
122	Surgical instruments and sets as required for each surgery/procedure for <b>General OT</b>						Yes					
123	Surgical instruments and sets as required for each surgery/procedure for Obstetrics and Gynaecology OT						Yes					

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SL. NO	Name of the Equipment/ Instrument	Basic Specification	NRC	Emergency	нви	SNCU+MNCU	Operation Theatre	Radiology	Ward	Diagnostic/Pathology	Physiotherapy	Blood Storage Centre
124	Tracheostomy Set (i) Tracheal hook (blunt & sharp) (ii) Tracheal dilator (iii) Fuller's Tracheostomy tube (iv) Jackson's Tracheostomy tube (v) Cuffed Tracheostomy tube (vi) Right angled retractor (vii) Mosquito Artery forcep (viii) Allis forcep (ix) BP Handle with blade (x) Tooth & plain dissecting forcep			Yes			Yes					
125	Normal delivery kit (i) Cord cutting scissor (ii) Artery forceps (medium size) (iii) Sponge holding forceps (medium) (iv) Bivalve cuscos speculum (medium size) (v) Kidney tray (vi) Small bowl for antiseptic lotion											
126	Episiotomy kit (i) Episiotomy scissor (ii) Artery forceps (medium size) (iii) Allis forceps (iv) Sponge holding forceps (medium) (v) Toothed forceps (vi) Thumb forceps (vii) Kidney tray (viii) Needle holder (ix) Needle (Round Body and Cutting)											
127	Craniotomy kit											
128	BP handle No. 4						Yes					
129	Artery Forceps- Straight						Yes					
130	Artery Forceps- Curved						Yes					
131	Mosquito forceps- Straight						Yes					
132	Mosquito forceps- Curved						Yes					
133	Plain dissecting forceps						Yes					

SL. NO	Name of the Equipment/ Instrument	Basic Specification	NRC	Emergency	HDU	SNCU+MNCU	Operation Theatre	Radiology	Ward	Diagnostic/Pathology	Physiotherapy	Blood Storage Centre
134	Tooth dissecting forceps						Yes					
135	Right angle detector						Yes					
136	Needle holder- Large						Yes					
137	Needle holder- Small						Yes					
138	BP blade						Yes					
139	Dissecting scissor 8"						Yes					
140	Allis tissue forceps						Yes					
141	Mayo's scissors						Yes					
142	Dissecting scissors 8" curved						Yes					
143	Ttitch cutting scissors						Yes					
144	Gauge cutting/bandage cutting scissors 12						Yes					
145	Kidney tray- Small					Yes	Yes					
146	Kidney tray- Big					Yes	Yes					
147	Sponge holing forceps- Straight					Yes	Yes					
148	Kocher's artery forceps- Curved					Yes	Yes					
149	Cat's paw retractor						Yes					
150	Electric Needle Destroyer		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes		Yes
151	Hub Cutter/Needle Cutter		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes		Yes
152	Ear speculum											
153	Nasal speculum- Adult											
154	Nasal speculum- Child											
155	Female metallic catheter											
156	Tongue depressor											
157	Catheter introducer											
158	Vaginal speculum- Large											
159	Vaginal speculum- Small											
160	Vaginal speculums-Cusco											
161	Removal of Stitches Tray						Yes					
162	Tuning Fork (156)											
163	Tuning fork (512 Hz)											
164	Percussion Hammer											
165	Wooden Tongue Depressor											

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SL. NO	Name of the Equipment/ Instrument	Basic Specification	NRC	Emergency	HDU	SNCU+MNCU	Operation Theatre	Radiology	Ward	Diagnostic/Pathology	Physiotherapy	Blood Storage Centre
166	Foot stool		Yes	Yes	Yes	Yes			Yes			
167	Gynaecological Examination tray											
168	Spatula tray											
169	Mouth Mirror											
170	Examination Instruments in dentistry											
171	Slit lamp refraction units											
172	Punctum Dilator											
173	PEEP valve				Yes							
174	Nasal Speculum											
175	Laryngeal mirror											
176	Nasopharyngeal mirrors Aural speculum Siegles speculum											
177	Fixed height with stump feet in operation theatre			Yes			Yes					
178	Bayonet forces											
179	Magill's forceps			Yes	Yes	Yes	Yes					
180	Reflex hammer		Yes									
181	Jobson Horne Probe											
182	Punch Biopsy Gun											
183	IV Stand		Yes	Yes	Yes	Yes	Yes		Yes			
184	Stretcher		Yes	Yes	Yes	Yes	Yes		Yes			
185	Wheelchair			Yes	Yes	Yes	Yes		Yes			
186	Medicine Trolley	SS	Yes	Yes	Yes	Yes	Yes		Yes			
187	Crash Cart	SS	Yes	Yes	Yes	Yes	Yes		Yes			
188	Mayo Stand	SS	Yes	Yes	Yes	Yes	Yes		Yes			
189	Surgical Trolley	SS	Yes	Yes	Yes	Yes	Yes		Yes			
190	Equipment Trolley	SS	Yes	Yes	Yes	Yes	Yes		Yes			
191	Instrument trolley	SS	Yes	Yes	Yes	Yes	Yes		Yes			
192	Patient Trolley		Yes	Yes	Yes	Yes	Yes		Yes			
193	Anaesthesia Trolley (Complete with Ambu bags and other items)						Yes					
194	Cylinder Trolley			Yes	Yes	Yes	Yes		Yes			

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SL. NO	Name of the Equipment/ Instrument	Basic Specification	NRC	Emergency	HDU	SNCU+MNCU	Operation Theatre	Radiology	Ward	Diagnostic/Pathology	Physiotherapy	Blood Storage Centre
195	Difficult Airway Trolley- Bronchoscope and intubating						Yes					
196	Oxygen cylinder Type D/B with all accessories (with flow meter/tubing/catheter/ face mask/nasal prongs)			Yes	Yes	Yes	Yes		Yes			
197	Bed side locker	SS	Yes		Yes	Yes			Yes			
198	Thermometer		Yes	Yes	Yes	Yes	Yes		Yes			
199	Shoulder Wheel										Yes	
200	Wall ladder finger Exerciser										Yes	
201	Finger Exerciser web										Yes	
202	Shoulder Pulley										Yes	
203	Adjustable Walker										Yes	
204	Reciprocal walker										Yes	
205	Exercise Coucdih										Yes	
206	Spiro meter with disposable mouthpiece										Yes	
207	Lower & Upper extremity cycle/Basic Ergo meter										Yes	
208	Ultrasound therapy										Yes	
209	TENS										Yes	
210	Interferential therapy/Electrotherapy unit										Yes	
211	LED Torch		Yes	Yes	Yes	Yes	Yes	Yes	Yes			
212	Measuring tape		Yes	Yes	Yes	Yes	Yes	Yes	Yes			
213	Roof/Wall Mounted single piece curtain to ensure privacy		Yes	Yes	Yes	Yes	Yes	Yes	Yes			
214	Colour coded bins		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
215	Chair for Doctor		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
216	Chair for Nurses		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
217	Table for Doctor		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
218	Table for Nurses		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
219	Chairs for patients/attendants		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

SL. NO	Name of the Equipment/ Instrument	Basic Specification	NRC	Emergency	нви	SNCU+MNCU	Operation Theatre	Radiology	Ward	Diagnostic/Pathology	Physiotherapy	Blood Storage Centre
220	Domestic Refrigerator 210 litres with Stabilizer		Yes	Yes	Yes	Yes	Yes			Yes		Yes
221	Blood Bank Refrigerator											Yes
222	Deep Freezer -20°C											
223	Ice Lined Refrigerator (ILR)									Yes		
224	Air Conditioner		Yes	Yes	Yes	Yes		Yes	Yes	Yes	Yes	Yes
225	Central pipelines for supply of Oxygen (3 outlets on each bed)			Yes	Yes	Yes	Yes		Yes			
226	Central Suction			Yes	Yes	Yes	Yes		Yes			
227	Central Medical Air			Yes	Yes	Yes	Yes	_				

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**Essential Equipment List (EEL) For Primary Health Centre (PHC)** 

	Essentiai Equipme	it Eist (EEE) I	OI I I I I I I I I	y IICa	iiiii Centie	(1110)	
Sl. No	Name of the Equipment/ Instrument	Basic Specification	24x7 Emergency Services with Triage, Resuscitation & Stabilization	LDR	OPD Services (ANC, NCD screening, Diagnosis, Follow-up & Referral)	Indoor Patient Services	Minor Surgical Procedures
1	OT Table Minor	Hydraulic					
2	Labour Table			Yes			
3	Examination Table with Footstep				Yes		
4	LED OT Light	Double Dome					
5	LED Spot Lights	Mobile		Yes			
6	Examination Light	LED	Yes	Yes	Yes		
7	Oxygen Cylinder (B/D Type)		Yes	Yes		Yes	Yes
8	Trolly for Oxygen Cylinder		Yes	Yes		Yes	Yes
9	Oxygen Flow Meter with Humidifier Bottle		Yes	Yes		Yes	Yes
10	Oxygen Concentrator	5 ltrs	Yes	Yes		Yes	Yes
11	Oxygen Concentrator	10 ltrs	Yes	Yes		Yes	Yes
12	Suction Machine	Electrical	Yes	Yes		Yes	Yes
13	Suction Machine	Foot Operated	Yes	Yes		Yes	Yes
14	Portable Autoclave		Yes	Yes			Yes
15	X-ray Machine						
16	ECG Machine	12 Channel	Yes	Yes		Yes	
17	Multipara Monitor		Yes	Yes		Yes	
18	Haemoglobinometer Digital				Yes		
19	Hematology Analyzer	3 part					
20	Semi Automated Biochemistry Analyzer						
21	Blood Group Kit (Manual)						
22	Multiparameter Urine Strip						
23	Turbidometer/Nephelometer						
24	Glucometer Digital		Yes	Yes	Yes		
25	Erythrocyte Sedimentation Rate (ESR) Analyzer						

Sl. No	Name of the Equipment/ Instrument	Basic Specification	24x7 Emergency Services with Triage, Resuscitation & Stabilization	LDR	OPD Services (ANC, NCD screening, Diagnosis, Follow-up & Referral)	Indoor Patient Services	Minor Surgical Procedures
26	Electrolyte Analyzer (Indirect ion selective electrode)						
27	Diathermy Machine						
28	Ambu Bags- Adult		Yes	Yes			
29	Ambu Bags- Paediatrics		Yes	Yes			
30	Surgical Blade		Yes				
31	Radiant Warmer		Yes	Yes			
32	Pulse Oximeter	Adult & Paediatric Probe	Yes	Yes	Yes	Yes	Yes
33	Fetal Dopler			Yes			
34	Kelly Pads & Blankets			Yes			
35	Phototherapy Unit			Yes			
36	Delivery Trolley	SS	Yes	Yes		Yes	Yes
37	Medicine Trolley	SS	Yes	Yes		Yes	Yes
38	Surgical Trolley	SS	Yes	Yes		Yes	Yes
39	Equipment Trolley	SS	Yes	Yes		Yes	Yes
40	Instrument Trolley	SS	Yes	Yes		Yes	Yes
41	Patient Trolley	SS	Yes	Yes		Yes	Yes
42	Bed Side Locker	SS		Yes		Yes	
43	Delivery Tray			Yes			
44	Episiotomy Tray			Yes			
45	Medicine Tray			Yes			
46	Emergency Drug Tray		Yes	Yes			
47	Baby Tray			Yes			
48	MVA Tray			Yes			
49	PPIUCD Tray			Yes			
50	Sponge Holding Forceps			Yes			
51	Vulsellum Uterine Forceps			Yes			

Sl. No	Name of the Equipment/ Instrument	Basic Specification	24x7 Emergency Services with Triage, Resuscitation & Stabilization	LDR	OPD Services (ANC, NCD screening, Diagnosis, Follow-up & Referral)	Indoor Patient Services	Minor Surgical Procedures
52	Normal Delivery Kit (i) Cord cutting scissor (ii) Artery forceps (medium size) (iii) Sponge holding forceps (medium) (iv) Bivalve cuscos speculum (medium size) (v) Kidney tray (vi) Small bowl for antiseptic lotion			Yes			
53	Equipment for Assisted Forceps Delivery			Yes			
54	Standard Surgical Set (For Minor procedures like Episiotomies Stitching)			Yes			
55	Equipment for Manual Vacuum Aspiration			Yes			
56	IUCD Insertion Kit			Yes			
57	Sphygmomanometer	Aneroid	Yes		Yes	Yes	Yes
58	Weighing Scale- Adult	Digital	Yes	Yes	Yes	Yes	
59	Weighing Scale- Paediatric	Digital	Yes	Yes	Yes	Yes	
60	Infantometer			Yes	Yes		
61	Stadiometer		Yes	Yes	Yes		
62	Stethoscope		Yes	Yes	Yes	Yes	Yes
63	Thermometer Digital		Yes	Yes	Yes	Yes	Yes
64	Electric Needle Destroyer		Yes	Yes	Yes	Yes	Yes
65	Hub Cutter/Needle Cutter		Yes	Yes	Yes	Yes	Yes
66	Cusco's Speculum				Yes		
67	Dental Mouth Mirrors				Yes		
68	Hospital Bed/Fowler bed	With Matress	Yes			Yes	
69	Puncture Proof Box		Yes			Yes	
70	Self-inflating Bag and Mask Neonatal Size (0 & 1)						Yes
71	Oxygen Hood						Yes
72	Laryngoscope Adult	LED					Yes

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Sl. No	Name of the Equipment/ Instrument	Basic Specification	24x7 Emergency Services with Triage, Resuscitation & Stabilization	LDR	OPD Services (ANC, NCD screening, Diagnosis, Follow-up & Referral)	Indoor Patient Services	Minor Surgical Procedures
73	Laryngoscope Paediatric	LED					Yes
74	Mucus Extractor with Suction Tube						Yes
75	Resuscitator, hand-operated, neonate and child, 500 ml						
76	Dressing Drum all Sizes		Yes	Yes			
77	Sterilizer		Yes	Yes			
78	Ice Lined Refrigerator (ILR) with Voltage Stabilizer						
79	Deep Freezer (DF) -20°C with Voltage Stabilizer						
80	Freeze Tag						
81	Alcohol Stem Thermometer						
82	Vaccine Carries with Ice Packs						
83	Cold Box						
84	Waste Disposable Twin Buckets						
85	Shoulder Wheel						
86	Wall Ladder Finger Exerciser						
87	Finger Exerciser Web						
88	Shoulder Pulley						
89	Adjustable Walker						
90	Reciprocal Walker						
91	Exercise Couch						
92	Wheelchair	SS	Yes	Yes	Yes	Yes	Yes
93	Stretcher	SS	Yes	Yes	Yes	Yes	Yes
94	IV Stand	SS	Yes	Yes	Yes	Yes	Yes
95	Spiro Meter						

Sl. No	Name of the Equipment/ Instrument	Basic Specification	24x7 Emergency Services with Triage, Resuscitation & Stabilization	LDR	OPD Services (ANC, NCD screening, Diagnosis, Follow-up & Referral)	Indoor Patient Services	Minor Surgical Procedures
96	Lower & Upper Extremity Cycle/ Basic Ergo Meter						
97	Footstep			Yes			
98	Chair for Doctor		Yes	Yes	Yes	Yes	Yes
99	Chair for Nurses		Yes	Yes	Yes	Yes	Yes
100	Table for Doctor		Yes	Yes	Yes	Yes	Yes
101	Table for Nurses		Yes	Yes	Yes	Yes	Yes
102	Screen Separators with stand			Yes	Yes		
103	Steel Almirah		Yes	Yes	Yes	Yes	Yes
104	Chairs for Patients		Yes	Yes	Yes	Yes	Yes
105	Chairs for Attendants		Yes	Yes	Yes	Yes	Yes
106	Stand with wheel for single basin						
107	X-ray View Box		Yes		Yes	Yes	Yes

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**Essential Equipment List (EEL) For Primary Health Centre (PHC)** 

	Essential Equipmen	nt List (EEL) F	or Primai	ry Healti	1 Centre	(PHC)	
Sl. No	Name of the Equipment/ Instrument	Basic Specification	Newborn Stabilization Units (NBSUs)	Operation Theater	Immunization Services	Rehabilitation Services	Diagnostic/Pathology
1	OT Table Minor	Hydraulic		Yes			
2	Labour Table						
3	Examination Table with Footstep						
4	LED OT Light	Double Dome		Yes			
5	LED Spot Lights	Mobile					
6	Examination Light	LED	Yes				
7	Oxygen Cylinder (B/D Type)						
8	Trolly for Oxygen Cylinder						
9	Oxygen Flow Meter with Humidifier Bottle						
10	Oxygen Concentrator	5 ltrs					
11	Oxygen Concentrator	10 ltrs					
12	Suction Machine	Electrical					
13	Suction Machine	Foot Operated	Yes				
14	Portable Autoclave						
15	X-ray Machine						Yes
16	ECG Machine	12 Channel		Yes			
17	Multipara Monitor		Yes	Yes			
18	Haemoglobinometer Digital						Yes
19	Hematology Analyzer	3 part					Yes
20	Semi Automated Biochemistry Analyzer						Yes
21	Blood Group Kit (Manual)						Yes
22	Multiparameter Urine Strip						Yes
23	Turbidometer/Nephelometer						Yes
24	Glucometer Digital						Yes
25	Erythrocyte Sedimentation Rate (ESR) Analyzer						Yes
26	Electrolyte Analyzer (Indirect ion selective electrode)						Yes

Sl. No	Name of the Equipment/ Instrument	Basic Specification	Newborn Stabilization Units (NBSUs)	Operation Theater	Immunization Services	Rehabilitation Services	Diagnostic/Pathology
27	Diathermy Machine			Yes			
28	Ambu Bags- Adult			Yes			
29	Ambu Bags- Paediatrics		Yes	Yes			
30	Surgical Blade						
31	Radiant Warmer  Pulse Oximeter	Adult & Paediatric Probe	Yes Yes	Yes			
33	Fetal Dopler						
34	Kelly Pads & Blankets						
35	Phototherapy Unit						
36	Delivery Trolley	SS					
37	Medicine Trolley	SS	Yes	Yes			
38	Surgical Trolley	SS		Yes			
39	Equipment Trolley	SS	Yes	Yes			
40	Instrument Trolley	SS	Yes	Yes			
41	Patient Trolley	SS	Yes	Yes			
42	Bed Side Locker	SS	Yes				
43	Delivery Tray						
44	Episiotomy Tray						
45	Medicine Tray						
46	Emergency Drug Tray						
47	Baby Tray						
48	MVA Tray						
49	PPIUCD Tray						
50	Sponge Holding Forceps						
51	Vulsellum Uterine Forceps						

SI. No	Name of the Equipment/ Instrument	Basic Specification	Newborn Stabilization Units (NBSUs)	Operation Theater	Immunization Services	Rehabilitation Services	Diagnostic/Pathology
52	Normal Delivery Kit (i) Cord cutting scissor (ii) Artery forceps (medium size) (iii) Sponge holding forceps (medium) (iv) Bivalve cuscos speculum (medium size) (v) Kidney tray (vi) Small bowl for antiseptic lotion						
53	Equipment for Assisted Forceps Delivery						
54	Standard Surgical Set (For Minor procedures like Episiotomies Stitching)						
55	Equipment for Manual Vacuum Aspiration						
56	IUCD Insertion Kit						
57	Sphygmomanometer	Aneroid		Yes			
58	Weighing Scale- Adult	Digital					
59	Weighing Scale- Paediatric	Digital	Yes				
60	Infantometer						
61	Stadiometer						
62	Stethoscope		Yes	Yes			
63	Thermometer Digital		Yes	Yes			
64	Electric Needle Destroyer		Yes	Yes			
65	Hub Cutter/Needle Cutter		Yes	Yes			
66	Cusco's Speculum						
67	Dental Mouth Mirrors						
68	Hospital Bed/Fowler bed	With Matress					
69	Puncture Proof Box		Yes	Yes			
70	Self-inflating Bag and Mask Neonatal Size (0 & 1)						
71	Oxygen Hood						
72	Laryngoscope Adult	LED					
73	Laryngoscope Paediatric	LED					

Sl. No	Name of the Equipment/ Instrument	Basic Specification	Newborn Stabilization Units (NBSUs)	Operation Theater	Immunization Services	Rehabilitation Services	Diagnostic/Pathology
74	Mucus Extractor with Suction Tube						
75	Resuscitator, hand-operated, neonate and child, 500 ml		Yes				
76	Dressing Drum all Sizes			Yes			
77	Sterilizer			Yes			
78	Ice Lined Refrigerator (ILR) with Voltage Stabilizer				Yes		
79	Deep Freezer (DF) -20°C with Voltage Stabilizer				Yes		
80	Freeze Tag				Yes		
81	Alcohol Stem Thermometer				Yes		
82	Vaccine Carries with Ice Packs				Yes		
83	Cold Box				Yes		
84	Waste Disposable Twin Buckets				Yes		
85	Shoulder Wheel					Yes	
86	Wall Ladder Finger Exerciser					Yes	
87	Finger Exerciser Web					Yes	
88	Shoulder Pulley					Yes	
89	Adjustable Walker					Yes	
90	Reciprocal Walker					Yes	
91	Exercise Couch					Yes	
92	Wheelchair	SS			Yes	Yes	
93	Stretcher	SS			Yes	Yes	
94	IV Stand	SS			Yes	Yes	
95	Spiro Meter					Yes	
96	Lower & Upper Extremity Cycle/ Basic Ergo Meter					Yes	
97	Footstep						

Sl. No	Name of the Equipment/ Instrument	Basic Specification	Newborn Stabilization Units (NBSUs)	Operation Theater	Immunization Services	Rehabilitation Services	Diagnostic/Pathology
98	Chair for Doctor				Yes	Yes	
99	Chair for Nurses				Yes	Yes	
100	Table for Doctor				Yes	Yes	
101	Table for Nurses				Yes	Yes	
102	Screen Separators with stand						
103	Steel Almirah				Yes	Yes	
104	Chairs for Patients				Yes	Yes	
105	Chairs for Attendants				Yes	Yes	
106	Stand with wheel for single basin			Yes			
107	X-ray View Box			Yes			

प्रत्यय अमृत, सरकार के अपर मुख्य सचिव।

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